

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access ID: 67056

Requester's Full Name: Mark Paul Yant Examiner #: PAH Date: 5/21/02
 Art Unit: 1415 Phone Number 30-8-7005 Serial Number: 09/972 73
 Mail Box and Bldg/Room Location: 3D 0L Results Format Preferred (circle) PAPER DISK E-MAIL

2301

If more than one search is submitted, please prioritize searches in order of need. M.EY

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: MicrodermabasinInventors (please provide full names): Richard Fox, Jerry WhitemoreEarliest Priority Filing Date: 10/15/2000

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Mary Jane Ruhl
 Tech. Info. Specialist, STIC
 TC-1600
 CM-1, Room 6A-06
 Phone: 605-1155

Please Search for

an emulsion cosmetic composition comprising crystallized
 methicons. The composition should also have an additive
 (perfume, color, thickener, etc.). Thank you

MJ

Also the crystals should be

of Magnesium oxide or
 aluminum oxide.

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 MAY 21 2002
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STAFF USE ONLY

Searcher: Ruth Beverly
C4994Searcher's Phone #: 513-425-2499Searcher's Location: STICDate Searcher Picked Up: 5/24/02Date Completed: 5/24/02Searcher/Prep & Review Time: 2:00Clerical Prep Time: 0:00Online time: 2:00

Patent 1590 (8-01)

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=> d his 11-14

FILE 'REGISTRY' ENTERED AT 10:05:48 ON 24 MAY 2002

E MAGNESIUM OXIDE
E MAGNESIUM OXIDE/CN

L1 48 S E3-E49
E ALUMINUM OXIDE/CN
L2 33 S E3-E4 OR E7-E20 OR E22-E28 OR E30-E39
E METHICONE
E METHICONE/CN
L3 0 S E3
L4 81 S L1 OR L2

=> d his 15

(FILE 'HCAPLUS' ENTERED AT 10:09:37 ON 24 MAY 2002)

=> d que 16

L1 48 SEA FILE=REGISTRY ("MAGNESIUM OXIDE"/CN OR "MAGNESIUM OXIDE (24MGO)"/CN OR "MAGNESIUM OXIDE (25MGO)"/CN OR "MAGNESIUM OXIDE (26MGO)"/CN OR "MAGNESIUM OXIDE (28MGO)"/CN OR "MAGNESIUM OXIDE (MG0.4900.51)"/CN OR "MAGNESIUM OXIDE (MG0.980)"/CN OR "MAGNESIUM OXIDE (MG10010)"/CN OR "MAGNESIUM OXIDE (MG11011)"/CN OR "MAGNESIUM OXIDE (MG12012)"/CN OR "MAGNESIUM OXIDE (MG13013)"/CN OR "MAGNESIUM OXIDE (MG14013)"/CN OR "MAGNESIUM OXIDE (MG14014)"/CN OR "MAGNESIUM OXIDE (MG15015)"/CN OR "MAGNESIUM OXIDE (MG16016)"/CN OR "MAGNESIUM OXIDE (MG170)"/CN OR "MAGNESIUM OXIDE (MG17017)"/CN OR "MAGNESIUM OXIDE (MG180)"/CN OR "MAGNESIUM OXIDE (MG18018)"/CN OR "MAGNESIUM OXIDE (MG19019)"/CN OR "MAGNESIUM OXIDE (MG20020)"/CN OR "MAGNESIUM OXIDE (MG21021)"/CN OR "MAGNESIUM OXIDE (MG22022)"/CN OR "MAGNESIUM OXIDE (MG23023)"/CN OR "MAGNESIUM OXIDE (MG24024)"/CN OR "MAGNESIUM OXIDE (MG25025)"/CN OR "MAGNESIUM OXIDE (MG26026)"/CN OR "MAGNESIUM OXIDE (MG27027)"/CN OR "MAGNESIUM OXIDE (MG28028)"/CN OR "MAGNESIUM OXIDE (MG29029)"/CN OR "MAGNESIUM OXIDE (MG2O)"/CN OR "MAGNESIUM OXIDE (MG2O2)"/CN OR "MAGNESIUM OXIDE (MG30030)"/CN OR "MAGNESIUM OXIDE (MG31031)"/CN OR "MAGNESIUM OXIDE (MG32032)"/CN OR "MAGNESIUM OXIDE (MG34034)"/CN OR "MAGNESIUM OXIDE (MG35035)"/CN OR "MAGNESIUM OXIDE (MG3O3)"/CN OR "MAGNESIUM OXIDE (MG4O4)"/CN OR "MAGNESIUM OXIDE (MG4O5)"/CN OR "MAGNESIUM OXIDE (MG5O5)"/CN OR "MAGNESIUM OXIDE (MG6O6)"/CN OR "MAGNESIUM OXIDE (MG7O7)"/CN OR "MAGNESIUM OXIDE (MG8O8)"/CN OR "MAGNESIUM OXIDE (MG9O9)"/CN OR "MAGNESIUM OXIDE (MGO)"/CN)
L2 33 SEA FILE=REGISTRY ("ALUMINUM OXIDE"/CN OR "ALUMINUM OXIDE (AL0-100-1)"/CN OR ("ALUMINUM OXIDE (AL0.4200.58)"/CN OR "ALUMINUM OXIDE (AL1.9-2.202.8-3.1)"/CN OR "ALUMINUM OXIDE (AL1.98O2.98)"/CN OR "ALUMINUM OXIDE (AL1.99O2.99)"/CN OR "ALUMINUM OXIDE (AL100)"/CN OR "ALUMINUM OXIDE (AL13O40)"/CN OR "ALUMINUM OXIDE (AL17O)"/CN OR "ALUMINUM OXIDE (AL18O)"/CN OR "ALUMINUM OXIDE (AL18O2)"/CN OR "ALUMINUM OXIDE (AL218O)"/CN OR "ALUMINUM OXIDE (AL218O2)"/CN OR "ALUMINUM OXIDE (AL218O3)"/CN OR "ALUMINUM OXIDE (AL24O24)"/CN OR "ALUMINUM OXIDE (AL2O)"/CN OR ("ALUMINUM OXIDE (AL2O+)"/CN OR "ALUMINUM OXIDE (AL200-3)"/CN OR "ALUMINUM OXIDE (AL2O0.81)"/CN OR "ALUMINUM OXIDE (AL2O1.28)"/CN OR "ALUMINUM OXIDE (AL2O1.6)"/CN OR "ALUMINUM OXIDE (AL2O1.87)"/CN OR "ALUMINUM OXIDE (AL2O2)"/CN OR ("ALUMINUM OXIDE (AL2O2.12)"/CN OR "ALUMINUM OXIDE (AL2O2.14)

)"/CN OR "ALUMINUM OXIDE (AL2O2.5)"/CN OR "ALUMINUM OXIDE (AL2O2.5-2.95)"/CN OR "ALUMINUM OXIDE (AL2O2.5-3.8)"/CN OR "ALUMINUM OXIDE (AL2O2.74)"/CN OR "ALUMINUM OXIDE (AL2O2.89)"/CN OR "ALUMINUM OXIDE (AL2O2.96)"/CN OR "ALUMINUM OXIDE (AL2O2.99)"/CN OR "ALUMINUM OXIDE (AL2O3)"/CN

L4 81 SEA FILE=REGISTRY L1 OR L2
 L5 328866 SEA FILE=HCAPLUS L4 OR ((MAGNESIUM OR MG OR ALUMIN? OR AL) (W)OXIDE OR MGO OR ALO)
 L6 1 SEA FILE=HCAPLUS L5 AND METHICONE

=> d que 17

L7 15 SEA FILE=HCAPLUS METHICONE AND (PERFUM? OR SCENT OR ODOR OR FRAGRANCE OR AROMA OR DYE OR ADDITIVE OR ESSENCE OR COLOR? OR COLOUR? OR THICKEN?)

=> s 16 or 17

L8 16 L6 OR L7

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L8 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:271824 HCAPLUS

DOCUMENT NUMBER: 136:299485

TITLE: Water-in-oil emulsions with increased water content and containing alkyl **methicone** copolyols, alkyl dimethicone copolyols, anionic or amphoteric polymers

INVENTOR(S): Bleckmann, Andreas; Kroepke, Rainer; Christiansen, Michael

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 8 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10049042	A1	20020411	DE 2000-10049042	20001004

AB The invention concerns water-in-oil emulsions that contain at least 80 wt./wt.% aq. phase and max. 20 wt./wt.% lipids and emulsifiers. The emulsions contain alkylmethicone copolyols or alkyl dimethicone copolyols as surfactants; further the emulsions include anionic or amphoteric polymers. Thus a compn. contained (wt./wt.%): cetyl dimethicone copolyol 1.5; isohexadecane 12.0; isoeicosane 5.0; glycerin 3.0; carbomer 1.0; sodium chloride 1.0; **perfume**, preservative, **dye**, antioxidant q.s.; water to 100.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 16 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:271823 HCAPLUS

DOCUMENT NUMBER: 136:284205

TITLE: Water-in-oil emulsions with increased water content and containing alkyl **methicone** copolyols, alkyl dimethicone copolyols and non-ionic polymers

INVENTOR(S): Bleckmann, Andreas; Kroepke, Rainer; Syskowski, Boris

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany
 SOURCE: Ger. Offen., 8 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	DE 10049041	A1	20020411	DE 2000-10049041	20001004
AB	The invention concerns water-in-oil emulsions that contain at least 80 wt./wt.% aq. phase and max. 20 wt./wt.% lipids and emulsifiers. The emulsions contain alkylmethicone copolyols or alkyl dimethicone copolyols as surfactants; further the emulsions include non-ionic polymers. Thus a compn. contained (wt./wt.%): cetyl dimethicone copolyol 1.5; isohexadecane 12.0; isoeicosane 5.0; glycerin 3.0; polyvinylpyrrolidone 1.0; sodium chloride 1.0; perfume , preservative, dye , antioxidant q.s.; water to 100.				
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L8 ANSWER 3 OF 16 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:738896 HCPLUS
 DOCUMENT NUMBER: 135:277763
 TITLE: Makeup compositions containing soy proteins
 INVENTOR(S): Russ, Julio Gans; Sandewicz, Ida Marie; Zamyatin, Tatyana
 PATENT ASSIGNEE(S): Revlon Consumer Products Corporation, USA
 SOURCE: U.S., 7 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 6299890	B1	20011009	US 1999-469825	19991222
AB	An emulsion makeup compn. contains a water phase having solubilized an effective amt. of soy protein capable of forming a skin firming and toning film on the skin, an oil phase comprising silicone oil having dispersed 1 or more colorants , the silicone oil phase capable of plasticizing the film formed on the skin by the solubilized soy protein in the water phase, and an effective amt. of a surfactant capable of causing the water and oil phase to form an emulsion which maintains stability at 50.degree. for 2 wk. A makeup compn. contained cyclomethicone 3.00, propylparaben/Laureth-7 0.75, mica/ methicone 0.01, red iron oxide/ methicone 2.70, yellow iron oxide/ methicone 2.70, black iron oxide/ methicone 2.70, TiO ₂ /cyclomethicone/dimethicone copolyol 14.10, ZnO/cyclomethicone/dimethicone copolyol 5.00, cyclomethicone/TiO ₂ /dimethicone copolyol/triethoxycaprylylsilane 3.80, spherical silica 0.15, Nylon-12 1.00, BN 1.05, TiO ₂ / methicone 1.00, dimethicone 7.25, cyclomethicone 5.80, tribehenin 0.10, retinyl palmitate 0.01, tocopheryl acetate 0.01, Aloe ext. 0.01, dimethicone 1.50 polyglyceryl isostearate 1.50, cyclomethicone/dimethicone 3.40, water 31.05, salicylic acid/hydrolyzed vegetable protein 0.50, methoxypropylgluconamide 0.50, Mg ascorbyl phosphate 0.01, ethylparaben/propylene glycol 5.75, propylene glycol 2.37, tetra-Na EDTA 0.01 MgSO ₄ 0.01 Chamomile ext. 0.01, Phytoclar 0.01, soy protein 3.00,				

cyclomethicone/dimethiconol 2.00, and Me dihydrojasmonate 0.25%.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 16 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:338063 HCAPLUS
 DOCUMENT NUMBER: 134:357355
 TITLE: Hair cosmetics containing cationic polymers, cellulose ethers, polyethylene glycols, and silicone surfactants
 INVENTOR(S): Koller, Andreas; Sass, Viola
 PATENT ASSIGNEE(S): Beiersdorf Ag, Germany
 SOURCE: Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1097701	A1	20010509	EP 2000-122666	20001018
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: DE 1999-19952794 A 19991103

AB The invention concerns hair prepsns. that contain cationic polymers, cellulose ethers, polyethylene glycols, and silicone emulsifiers from the group of the alkyl **methicone** copolyol and alkyl dimethicone copolyol surfactants. Thus an extra firm styling fluid contained in wt./wt.%: polyquaternium-4 2.00; hydroxyethylcellulose 0.80; dimethicone polyol 0.10; polyethylene glycol 5.00; perfume, dissoln. agent, pH adjusting components q.s.; water ad 100.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:225258 HCAPLUS
 DOCUMENT NUMBER: 134:227150
 TITLE: Cosmetic water-in-oil emulsions containing silicone oils and cationic polymers
 INVENTOR(S): Bleckmann, Andreas; Kropke, Rainer; Kovacevic, Melanie; Schneider, Gunther; Riedel, Heidi
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany
 SOURCE: Eur. Pat. Appl., 16 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1086687	A2	20010328	EP 2000-119870	20000913
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19945283	A1	20010329	DE 1999-19945283	19990922

PRIORITY APPLN. INFO.: DE 1999-19945283 A 19990922

AB The invention concerns water-in-oil emulsions that contain water and water-sol. substances, at least 20% lipophilic substances, 7.5-10 % silicone oil, alkylmethicone copolyol or alkyldimethicone copolyol surfactants, and cationic surfactants. Thus a W/O cream contained in

wt./wt.%: cetyl dimethicone copolyol 1.5; caprylic acid/caprylic acid triglyceride 4.0; dicaprylyl ether 3.0; octyldodecanol 3.0; cyclomethicone 10.0; glycerin 7.0; sodium chloride 0.7; chitosan 0.25; lactic acid (90%) 0.2; perfume, preservatives, dyes, antioxidants q.s; water to 100.

L8 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:206650 HCAPLUS

DOCUMENT NUMBER: 132:241700

TITLE: Use of silicone emulsifying agents and other surface-active agents for reinforcement of the light protection factor and/or the UV-A protective efficacy of cosmetic or dermatological sunscreen agents

INVENTOR(S): Doerschner, Albrecht; Nissen, Bente

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 16 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19844054	A1	20000330	DE 1998-19844054	19980925
EP 995429	A1	20000426	EP 1999-117473	19990910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: DE 1998-19844054 19980925

AB Cosmetic or dermatol. water-in-oil emulsions are provided which contain .1toreq.0.1 wt.% org. UV filter substances, .gtoreq.1 inorg. pigments which are preferably surface treated to make them hydrophobic, .gtoreq.1 surface-active substances (CHR4XCHR50)aA' [A, A' = C10-30 alkyl, C10-30 acyl, C10-30 hydroxyacyl, poly(hydroxyacyl) polyester; X = bond, CHOR6; R4, R5 = H, Me; R6 = H, C1-20 alkyl, C1-20 acyl; a = 1-100], silicone emulsifying agents (esp. alkyl **methicone** copolyols and alkyl dimethicone copolyols), and optionally .gtoreq.1 tocopherol deriv. Employment of these surfactants enhances the sun protection factor and esp. the UV-A-protecting effect of the emulsions. Thus, a sunscreen emulsion contained polyglyceryl-2 polyhydroxystearate 1.50, cetyltrimethicone copolyol 4.50, liq. paraffin 3.00, cyclomethicone 5.00, C12-15-alkyl benzoate 2.00, isohexadecane 2.00, TiO2 2.00, MgSO4 1.00, glycerin 5.00, EtOH 2.00, panthenol 1.00, tocopheryl acetate 0.50, phenoxyethanol 0.50, and H2O to 100.00 wt.%.

IT 1344-28-1, **Aluminum oxide**, biological studies

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(use of silicone emulsifying agents and other surface-active agents for reinforcement of the light protection factor and UV-A protective efficacy of cosmetic or dermatol. sunscreen agents)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 16 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:810892 HCAPLUS

DOCUMENT NUMBER: 132:40338

TITLE: Preparations of water-in-oil emulsions with high water content, containing one or more alkyl **methicone** copolyol and/or alkyl dimethicone copolyol

INVENTOR(S): Bleckmann, Andreas; Kropke, Rainer; Schneider, Gunther
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany
 SOURCE: Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 965331	A2	19991222	EP 1999-110763	19990604
EP 965331	A3	20011114		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19826750	A1	19991223	DE 1998-19826750	19980616
JP 2000026233	A2	20000125	JP 1999-165294	19990611

PRIORITY APPLN. INFO.: DE 1998-19826750 A 19980616
 AB A water-in-oil emulsion contains 85% water-sol. substances, and 15% lipids and emulsifiers and alkyl **methicone** copolyol. Thus, a water-in-oil cream contained cetyl dimethicone copolyol 1.00, cyclomethicone 7.00, dimethicone 2.00, glycerin 5.00, MgSO₄ 0.70, **perfume**, preservative, **dye** and antioxidant q.s. and water to 100.00%.

L8 ANSWER 8 OF 16 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:311084 HCPLUS
 DOCUMENT NUMBER: 130:342774
 TITLE: Transfer-resistant **color** cosmetic compositions
 INVENTOR(S): Konik, Richard A.; Painter, Rachel J.; Stepniewski, George J.; Davis, Suzanne J.
 PATENT ASSIGNEE(S): Color Access, Inc., USA
 SOURCE: PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9922710	A1	19990514	WO 1998-US22956	19981029
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 5959009	A	19990928	US 1997-962100	19971031
US 6060072	A	20000509	US 1997-985770	19971205
AU 9912872	A1	19990524	AU 1999-12872	19981029
EP 966263	A1	19991229	EP 1998-956320	19981029
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001503070	T2	20010306	JP 1999-526496	19981029
PRIORITY APPLN. INFO.: US 1997-962100 A 19971031				
US 1997-985770 A 19971205				

WO 1998-US22956 W 19981029

AB The invention relates to a transfer-resistant color cosmetic compn. comprising a film forming agent, a volatile oil, a styrene-ethylene-propylene copolymer as a gellant, and optionally, a pigment. A cosmetic compn contg. C8-9 isoparaffin 64.85, styrene-ethylene-propylene copolymer 5, trimethylsiloxy silicate 5, PVP/eicosene copolymer 5, tricontanyl PVP 5, polyethylene 5, isododecane/quaternium-18 hectorite 0.1, BHT 0.1 %, and iron oxides/methicone q.s. was formulated.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 16 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:172574 HCPLUS
 DOCUMENT NUMBER: 130:213473
 TITLE: Cleansing compositions based on hydrophobically modified silicones
 INVENTOR(S): Elliott, Russell Philip; Phipps, Nicola Jacqueline
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIIXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909946	A1	19990304	WO 1998-US10646	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9875967	A1	19990316	AU 1998-75967	19980526
EP 1014929	A1	20000705	EP 1998-923750	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2001513537	T2	20010904	JP 2000-507338	19980526
ZA 9807369	A	19990303	ZA 1998-7369	19980817
PRIORITY APPLN. INFO.:			GB 1997-17951	A 19970822
			WO 1998-US10646	W 19980526

OTHER SOURCE(S): MARPAT 130:213473

AB A rinse-off liq. personal cleansing compn. comprising water, from about 1 % to about 60 % by wt. of a water-sol. surfactant, and a hydrophobically modified silicone R13SiO[SiR[(CH₂)_zMe]O]_x[SiR₂O]_ySiR₁₃ wherein R is C1-4 alkyl or Ph, R₁ is C1-20 alkyl or Ph, z is 5 to 21, and x has a no. av. value in the range of from about 20 to 400, yr has a no. av. value in the range of from about 0 to about 10 and x + y lies in the range of 30 to 400. The personal cleansing compns. of the invention provide excellent rinse feel and skin mildness. A compn. was prep'd. contg. ammonium laureth-3 sulfate 8.4, Na lauroamphoacetate 3.6, Na lauroyl sarcosinate 0.5, ethylene glycol distearate 2.0, Dibanol 23 0.4, octyl methicone 2.0, perfume 0.5, EDTA 0.11, Na benzoate 0.25, DMDM Hydantoin 0.138, NaCl 0.5, citric acid 0.7, and water to 100%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:166509 HCAPLUS
 DOCUMENT NUMBER: 130:227530
 TITLE: Rinse-off cleansing compositions
 INVENTOR(S): Elliott, Russell Philip; Phipps, Nicola Jacqueline;
 Coffindaffer, Timothy Woodrow
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909950	A1	19990304	WO 1998-US10650	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2300442	AA	19990304	CA 1998-2300442	19980526
AU 9875971	A1	19990316	AU 1998-75971	19980526
EP 1014932	A1	20000705	EP 1998-923754	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9811727	A	20000926	BR 1998-11727	19980526
JP 2001513541	T2	20010904	JP 2000-507342	19980526
ZA 9807365	A	19990317	ZA 1998-7365	19980817
PRIORITY APPLN. INFO.:			GB 1997-17947	A 19970822
			WO 1998-US10650	W 19980526

OTHER SOURCE(S): MARPAT 130:227530
 AB A rinse-off liq. personal cleansing compn. comprising surfactant, water and a water-insol. oil wherein the water-insol. oil provides a Mean Rinse Feel Value for the compn. of 3.5 or less as measured by the Rinse Feel Panel Test. The personal cleansing compns. of the invention provide excellent rinse feel and skin mildness. A compn. was prep'd. contg. ammonium laureth sulfate 8.4, Na lauroamphoacetate 3.6, Na lauroyl sarcosinate 0.5, ethylene glycol distearate 2, poly-.alpha.-olefin 2, tetra-Na EDTA 0.11, DMDM Hydantoin 0.138, Na benzoate 0.25, citric acid 0.7, perfume 0.5, NaCl 0.5, Pareth 1213 Alc. 0.4 and deionized water to 100%.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 16 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:166508 HCAPLUS
 DOCUMENT NUMBER: 130:227529
 TITLE: Cleansing compositions comprising water-soluble surfactants and water-insoluble oils
 INVENTOR(S): Elliott, Russell Philip; Philips, Nicola Jacqueline;
 Coffindaffer, Timothy Woodrow
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909949	A1	19990304	WO 1998-US10649	19980526
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2300427	AA	19990304	CA 1998-2300427	19980526
AU 9875970	A1	19990316	AU 1998-75970	19980526
EP 1011625	A1	20000628	EP 1998-923753	19980526
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9811728	A	20000905	BR 1998-11728	19980526
JP 2001513540	T2	20010904	JP 2000-507341	19980526
ZA 9807368	A	19990317	ZA 1998-7368	19980817
PRIORITY APPLN. INFO.:			GB 1997-17950	A 19970822
			WO 1998-US10649	W 19980526

OTHER SOURCE(S): MARPAT 130:227529

AB A rinse-off liq. personal cleansing compn. comprising water, from about 1 % to about 60 % by wt. of a water-sol. surfactant, and a water-insol. oil selected from (a) highly branched polyalphaolefins R1[CR2R3(CH2)n]mR4 (R1 = H, C1-20 alkyl; R4 = C1-20 alkyl, R2 = H, C1-C20 alkyl; R3 = C5-20 alkyl, n = 0-3; m = 1-1000 and having a no. av. mol. wt. of from about 1000 to about 25,000). The personal cleansing compns. of the invention provide excellent rinse feel and skin mildness. A cleansing compn. contained ammonium laureth-3 sulfate 8.4, sodium lauramphoacetate 3.6, sodium lauroyl sarcosinate 0.5, ethylene glycol distearate 2.0, Dobanol-23 0.4, poly-alpha-olefin 0.5, perfume 0.5, EDTA 0.11, sodium benzoate 0.25, DMDM hydantoin 0.138, NaCl 0.5, citric acid 0.7, and water q.s. 100%.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:180635 HCAPLUS
 DOCUMENT NUMBER: 128:234999
 TITLE: Underarm antiperspirant or deodorant compositions comprising silica and an alkyl **methicone** wax
 INVENTOR(S): Fletcher, Neil Robert; Grainger, Lynda; Hagan, Desmond Bernard; Lewkowicz, Nina Maria; McMillan, Ian Robert; Rennie, John Harold
 PATENT ASSIGNEE(S): Unilever Plc, UK; Unilever N.V.
 SOURCE: Eur. Pat. Appl., 8 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 827740	A2	19980311	EP 1997-306577	19970828
EP 827740	A3	20000119		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, FI
 CA 2214234 AA 19980304 CA 1997-2214234 19970829
 US 5939056 A 19990817 US 1997-923598 19970904
 PRIORITY APPLN. INFO.: GB 1996-18426 19960904
 AB A substantially anhyd. underarm cream compn. suitable for topical application to the human skin, comprising an antiperspirant and/or deodorant agent, a carrier, a silica structurant and an alkyl **methicone** wax $(CH_3)_3Si(OSi(R)(CH_3))_xOSi(CH_3)_3$ (R = a branched or unbranched C12-26 alkyl, the ratio of branched to unbranched alkyl groups is approx. from 1:5 to 1:2, x = 30-150). An antiperspirant compn. contained antiperspirant active 24.00, talc 6.00, fumed silica 4.00, polyalkylmethyl siloxane 6.00, masking oil 10.00, **fragrance** 0.70, cyclomethicone 49.16, and Softanol-70 0.14%.

L8 ANSWER 13 OF 16 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1996:113417 HCPLUS
 DOCUMENT NUMBER: 124:180878
 TITLE: Lubricant composition
 INVENTOR(S): Kirkpatrick, Derek; Wilson, Mitchell Gregory
 PATENT ASSIGNEE(S): Castrol Australia Pty. Ltd., Australia
 SOURCE: Pat. Specif. (Aust.), 17 pp.
 CODEN: ALXXAP
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AU 664039	B2	19951102	AU 1992-21058	19920814
AU 9221058	A1	19930225		
ZA 9305975	A	19940318	ZA 1993-5975	19930816
PRIORITY APPLN. INFO.:			AU 1991-7844	19910819
			AU 1992-21058	19920814

AB The invention relates to a lubricant compn. for use in lubricating machinery or equipment which comprises a biodegradable oil; an emulsifier; water; and optionally other additives.

L8 ANSWER 14 OF 16 HCPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1995:331155 HCPLUS
 DOCUMENT NUMBER: 122:89130
 TITLE: Solid cosmetics having moisturizing effect
 INVENTOR(S): Endo, Yoshinori; Yoshioka, Takatsugu
 PATENT ASSIGNEE(S): Procter and Gamble Co., USA
 SOURCE: PCT Int. Appl., 17 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9427560	A1	19941208	WO 1994-US5310	19940513
W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9470178	A1	19941220	AU 1994-70178	19940513

PRIORITY APPLN. INFO.: US 1993-67309 19930526
 US 1994-217992 19940325
 WO 1994-US5310 19940513

AB The invention relates to a pressed cosmetic compn. which has a high level of moisturizing agent and adequate cake hardness, contg. 70-99% powder **colorant** and 1-30% a binder base contg. moisturizing agent and nonionic surfactant which is in liq. or paste form at 25.degree.. The binder base also meets at least one of the following requirements: the nonionic surfactant is at least one fifth by wt. of the moisturizing agent; or the binder base is a lipophilic gel having a resistivity of at least 10,000 .OMEGA..cm at room temp. For example, a lipophilic gel binder base contg. glycerol 5.0, propylparaben 0.05, diglyceryl diisostearate 5.5, and water 1.0% was sprayed on to a powder mixt. contg. mica 56.2, **methicone**-coated mica 15.0, titania 10.0, nylon-12 5.0, yellow iron oxide 1.5, black iron oxide 0.25, red iron oxide 0.4, and methylparaben 0.1%. The final mixt. was deagglomerated, sifted, and pressed into a powder foundation.

L8 ANSWER 15 OF 16 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1984:616231 HCPLUS

DOCUMENT NUMBER: 101:216231

TITLE: Detackifying **additive** for cosmetics to be applied to the skin

INVENTOR(S): Clum, Charles Edwin; Felty, Lanny George

PATENT ASSIGNEE(S): Johnson and Johnson Products, Inc., USA

SOURCE: Ger. Offen., 17 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3310958	A1	19840927	DE 1983-3310958	19830325
DE 3310958	C2	19920409		
GB 2136442	A1	19840919	GB 1983-6254	19830307
GB 2136442	B2	19860416		
BR 8301649	A	19841106	BR 1983-1649	19830330

PRIORITY APPLN. INFO.: DE 1983-3310958 19830325

AB Detackifying additives for hand lotions contain liq. and waxy silicones in ratios of 9:1 to 1:3. The liq. silicone is dimethicone, **methicone**, and/or cyclomethicone and the waxy silicone is stearoxydimethicone and/or dimethicone copolyol. A hand lotion contained dimethicone 1, stearoxydimethicone 1, dimer acids 3, propylene glycol 4, myristyl myristate 2.5, iso-Pr palmitate 1.5, emulsifier 1.25, cetyl alc. 1, stearyl alc. 1, sorbitan stearate 0.75, NaOH 0.325, stabilizer 0.3, benzyl alc. 0.3, methylparaben 0.3, **perfume** 0.25, propylparaben 0.2, and H2O to 100% by wt.

L8 ANSWER 16 OF 16 HCPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1984:108982 HCPLUS

DOCUMENT NUMBER: 100:108982

TITLE: Detackifying compositions containing silicone fluids and waxes

INVENTOR(S): Clum, Charles E.; Felty, Lanny G.

PATENT ASSIGNEE(S): Johnson and Johnson Products, Inc., USA

SOURCE: U.S., 5 pp. Cont.-in-part of U.S. Ser. No. 51,592, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4423041	A	19831227	US 1981-278283	19810629
AU 559393	B2	19870312	AU 1983-12169	19830308
AU 8312169	A1	19840913		
CA 1199583	A1	19860121	CA 1983-423366	19830311
PRIORITY APPLN. INFO.:			US 1979-51592	19790625
			US 1981-278283	19810629

AB Detackifying compns. such as hand lotions, roll-ons, or cream deodorants comprise a mixt. of silicone fluid and a silicone wax in a ratio of 9:1 to 1:3. The silicone fluids, fluid at body temp. and insol. in water and cosmetic oils, include dimethicone [9006-65-9], **methicone** [9004-73-3], and cyclomethicone, whereas the silicone wax, solid or semisolid at body temp. and insol. or only slightly sol. in cosmetic oils, include stearoxy dimethicone and dimethicone copolyol. Thus, a roll-on antiperspirant compn. contained dimethicone 5, stearoxy dimethicone 2, Al chlorhydrate 20, Al(OH)3 10, water 50, Amerchol L101 4, polyethylene glycol-40 stearate 3, laneth-10-acetate 2, glycerin, Mg Al silicate 1.5, and **fragrance** 0.50% (wt./wt.).

=> d his 19-

(FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, JICST-EPLUS, JAPIO, KOSMET, PROMT'
 ENTERED AT 11:07:35 ON 24 MAY 2002)

L9 1 S L6
 L10 43 S L7
 L11 43 S L9 OR L10
 L12 43 DUP REMOVE L11 (0 DUPLICATES REMOVED)

=> d 112 ibib abs 1-43

L12 ANSWER 1 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2002:215101 PROMT
 TITLE: A bright future: sun care 2002: safety is today's sun care focus. It's easier than ever to get a tanned look without the sun, or to play safely outdoors.
 AUTHOR(S): Marchie, Melanie
 SOURCE: Household & Personal Products Industry, (March 2002) Vol. 39, No. 3, pp. 84(14).
 ISSN: 0090-8878.
 PUBLISHER: Rodman Publications, Inc.
 DOCUMENT TYPE: Newsletter
 LANGUAGE: English
 WORD COUNT: 8899

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB The future looks bright for the sun care industry: suntan lotion and oil sales were up 6.3% for the 52-week period ended Dec. 30, 2001, according to Information Resources, Inc., Chicago. Sun care marketers agree that these numbers will keep growing as increased consumer education and stepped-up scientific evaluation meet in the middle.

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Subscription: \$48.00 per year. Published monthly. 17 S. Franklin Turnpike,

Box 555, Ramsey, NJ 07446.

L12 ANSWER 2 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2002:131964 PROMT
TITLE: Foam moisturizer. (Formulator's Focus). (Brief Article) (Statistical Data Included)
SOURCE: Soap & Cosmetics, (Jan 2002) Vol. 78, No. 1, pp. 46(1).
ISSN: 1523-9225.
PUBLISHER: Chemical Week Associates
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 150
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB FOAM MOISTURIZER
THIS IS THE FULL TEXT: COPYRIGHT 2002 Chemical Week Associates

Subscription: \$60.00 per year. Published monthly.

L12 ANSWER 3 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2002:215021 PROMT
TITLE: Emulsifier-free cream gel developed by Clariant. (Formulary).
SOURCE: Household & Personal Products Industry, (March 2002) Vol. 39, No. 3, pp. 18(3).
ISSN: 0090-8878.
PUBLISHER: Rodman Publications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 1019
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Here are product formulas supplied by producers of raw materials.
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L12 ANSWER 4 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2002:55135 PROMT
TITLE: Moisturizing shower gel from midwest grain. (Formulary).
SOURCE: Household & Personal Products Industry, (Jan 2002) Vol. 39, No. 1, pp. 18(3).
ISSN: 0090-8878.
PUBLISHER: Rodman Publications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 1418
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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L12 ANSWER 5 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2002:245126 PROMT
TITLE: Lyondell Chemical develops Alkaline Hair Relaxer.

(Formulary).

SOURCE: Household & Personal Products Industry, (April 2002) Vol. 39, No. 4, pp. 16(3).

ISSN: ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 1134

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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L12 ANSWER 6 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:426355 PROMT

TITLE: The Skin Care Market.

AUTHOR(S): Pianoforte, Kerry

SOURCE: Household & Personal Products Industry, (May 2001) Vol. 38, No. 5, pp. 112.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 7882

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Today's skin care market offers something for everyone as products are becoming increasingly customized to meet individual needs.

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L12 ANSWER 7 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:258221 PROMT

TITLE: Sun Care NEW INGREDIENTS.

SOURCE: Household & Personal Products Industry, (March 2001) Vol. 38, No. 3, pp. 112.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 2989

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Here are new sun care ingredients introduced by suppliers in the past 12 months. For more information about the products listed here, contact the supplier directly at the numbers provided.

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L12 ANSWER 8 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:648865 PROMT

TITLE: BABY CARE NEW INGREDIENTS.

SOURCE: Household & Personal Products Industry, (August 2001) Vol.

38, No. 8, pp. 58.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 2451

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Here is a list of new baby care ingredients introduced by suppliers in the past 12 months. For more information about the products listed here, contact the supplier directly at the numbers provided.

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L12 ANSWER 9 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:715738 PROMT
TITLE: Phoenix Chemical, Inc. (products) (Brief Article)
SOURCE: Global Cosmetic Industry, (Sept 2001) Vol. 169, No. 4, pp. S21.
ISSN: 1523-9470.
PUBLISHER: Advanstar Communications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 341

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Company Mission:

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Subscription: \$40.00 per year. Published monthly.

L12 ANSWER 10 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:715690 PROMT
TITLE: Body : Water/Silicone Sunscreen Lotion Featuring Z-Cote[R] HP1 and Uvinul[R] TiO2. (Brief Article) (Illustration)
SOURCE: Global Cosmetic Industry, (Sept 2001) Vol. 169, No. 4, pp. 20.
ISSN: 1523-9470.
PUBLISHER: Advanstar Communications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 233

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Body

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Subscription: \$40.00 per year. Published monthly.

L12 ANSWER 11 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:857997 PROMT
TITLE: Glossifying hair pomade developed by Croda. (Formulary).
SOURCE: Household & Personal Products Industry, (Nov 2001) Vol. 38, No. 11, pp. 18(4).
ISSN: 0090-8878.
PUBLISHER: Rodman Publications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English

WORD COUNT: 1481

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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L12 ANSWER 12 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:782930 PROMT

TITLE: DOW CORNING DEVELOPS CONDITIONING SHAMPOO.

SOURCE: Household & Personal Products Industry, (Oct 2001) Vol. 38,
No. 10, pp. 18.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 1425

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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Box 555, Ramsey, NJ 07446.

L12 ANSWER 13 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:710771 PROMT

TITLE: WATER/SILICONE SUNSCREEN LOTION FROM BASF.

SOURCE: Household & Personal Products Industry, (Sept 2001) Vol.
38, No. 9, pp. 18.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 1201

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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L12 ANSWER 14 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:648808 PROMT

TITLE: SOAP SCUM REMOVER FEATURES SOY GOLD 100.

SOURCE: Household & Personal Products Industry, (August 2001) Vol.
38, No. 8, pp. 18.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 1379

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L12 ANSWER 15 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 2002-025784 [03] WPIDS
 DOC. NO. CPI: C2002-007117
 TITLE: Low residue antiperspirant and deodorant composition
 comprises cyclomethicone (and) dimethicone crosspolymer
 in combination with polyethylene beads.
 DERWENT CLASS: A26 A96 D21 E19
 INVENTOR(S): AFFLITTO, J; GUENIN, E P; HOGAN, J; JONAS, J; LEE, W;
 LINN, E; MATTAI, J; MUNSAYAC, R; POTECHIN, K; TANG, X
 PATENT ASSIGNEE(S): (COLG) COLGATE PALMOLIVE CO
 COUNTRY COUNT: 94
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2001074325	A2	20011011 (200203)*	EN	26	
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
AU 2001049677	A	20011015 (200209)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2001074325	A2	WO 2001-US10331	20010329
AU 2001049677	A	AU 2001-49677	20010329

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2001049677	A Based on	WO 200174325

PRIORITY APPLN. INFO: US 2000-671775 20000928; US 2000-194462P
 20000404

AN 2002-025784 [03] WPIDS
 AB WO 200174325 A UPAB: 20020114

NOVELTY - A low residue antiperspirant and deodorant composition comprises 40-75 wt.% volatile silicone; 0.5-20 wt.% (on a solids basis) cyclomethicone (and) dimethicone crosspolymer made with silicon-hydrogen containing polysiloxane and an alpha, omega diene; 0.1-20 wt.% antiperspirant active; and 2-15 wt.% polyethylene beads having a particle size of 5-40 μ m and a density of 0.91-0.98 g/cm³.

DETAILED DESCRIPTION - A low residue antiperspirant and deodorant composition comprises:

- (a) 40-75 wt.% volatile silicone;
- (b) 1-20 wt.% emollient(s);
- (c) 0.5-20 wt.% (on a solids basis) cyclomethicone (and) dimethicone crosspolymer made with silicon-hydrogen (triple bond Si-H) containing polysiloxane and an alpha, omega diene of formula $\text{CH}_2=\text{CH}(\text{CH}_2)_x\text{CH}=\text{CH}_2$, to form a gel by cross-linking and addition of triple bond Si-H across double bonds in the alpha, omega diene;
- (d) 0.1-20 wt.% antiperspirant active based on an anhydrous, buffer-free basis;

(e) 2-15 wt.% polyethylene beads having a particle size of 5-40 μm and a density of 0.91-0.98 g/cm³;
 (f) 0-5 wt.% antimicrobial agent; and
 (g) 0-5 wt.% fragrance.

The crosspolymer has a viscosity of 50000-3 multiply 106 cP and nonvolatiles content of 8-18 wt.% in cyclomethicone.

x = 1-20.

USE - For reducing and eliminating wetness and odor under the arms.

ADVANTAGE - The invention leaves little or no white residue when applied and exhibits improved efficacy and stability as compared to other formulations with different types of elastomers. Reduction of sweat of at least 40% can be achieved with the compositions of the invention as compared to typical levels of 15% for other products.

Dwg.0/0

L12 ANSWER 16 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 2002-025783 [03] WPIDS
 DOC. NO. CPI: C2002-007116
 TITLE: Antiperspirant and deodorant composition comprises volatile silicone, emollient, dimethicone/vinyldimethicone crosspolymer composition, antiperspirant active, polyethylene beads, antimicrobial agent, and fragrance.
 DERWENT CLASS: A17 A25 A26 A96 D21 E19
 INVENTOR(S): AFFLITTO, J; GUENIN, E P; HOGAN, J; JONAS, J; LEE, W; LINN, E; MATTAI, J; MUNSAYAC, R; TANG, X
 PATENT ASSIGNEE(S): (COLG) COLGATE PALMOLIVE CO
 COUNTRY COUNT: 94
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2001074306	A2	20011011 (200203)*	EN	21	
RW:	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW				
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW				
AU 2001049676	A	20011015 (200209)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2001074306	A2	WO 2001-US10330	20010329
AU 2001049676	A	AU 2001-49676	20010329

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2001049676	A Based on	WO 200174306

PRIORITY APPLN. INFO: US 2000-712378 20001114; US 2000-194373P 20000404

AN 2002-025783 [03] WPIDS

AB WO 200174306 A UPAB: 20020114

NOVELTY - An antiperspirant and deodorant comprises (wt.%):

- (i) volatile silicone (40-75);
- (ii) single emollient or mixture of emollients (0.1-20);
- (iii) dimethicone/vinyldimethicone crosspolymer composition (0.5-6);
- (iv) antiperspirant active (0.1-20);
- (v) polyethylene beads (2-15);
- (vi) antimicrobial agent (0-5); and
- (vii) **fragrance** (0-5).

DETAILED DESCRIPTION - An antiperspirant and deodorant compositions comprise (wt.%) :

- (i) volatile silicone (40-75);
- (ii) single emollient or mixture of emollients (0.1-20);
- (iii) dimethicone/vinyldimethicone crosspolymer composition (0.5-6)

made by reacting polymethylhydrogensiloxane with alpha , omega -divinylpolydimethyl siloxane;

- (iv) antiperspirant active based on an anhydrous, buffer-free basis (0.1-20);
- (v) polyethylene beads (2-15) having particle size of 5-40 μ m and density of 0.91-0.98 g/cm³;
- (vi) antimicrobial agent (0.5); and
- (vii) **fragrance** (0-5).

USE - The composition is used for the reduction and elimination of wetness and **odor** under the arms. It is in the form of sticks, gels, soft solids, roll-ons, aerosols, and creams.

ADVANTAGE - The invented composition is stable, and has high efficacy and low residue.

Dwg.0/0

L12 ANSWER 17 OF 43 WPIDS (C) 2002 THOMSON DERTWENT
 ACCESSION NUMBER: 2001-334513 [35] WPIDS
 CROSS REFERENCE: 2000-022098 [02]; 2000-374509 [32]
 DOC. NO. CPI: C2001-103268
 TITLE: Bar soap **additive** composition, comprises fatty alkyl silicone, fatty silicate ester, high viscosity lower alkyl silicon fluid, silicone surfactant, and organic surfactant.
 DERWENT CLASS: A26 A96 D21
 INVENTOR(S): KUMAR, G S; RAMACHANDRAN, K N
 PATENT ASSIGNEE(S): (GENE) GENERAL ELECTRIC CO
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 6197742	B1	20010306	(200135)*		5

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6197742	B1 CIP of	US 1997-993973	19971218
	Div ex	US 1999-360827	19990726
		US 2000-477980	20000105

FILING DETAILS:

PATENT NO	KIND	PATENT NO
US 6197742	B1 CIP of	US 5981465
	Div ex	US 6051546

PRIORITY APPLN. INFO: IN 1997-2040 19971028

AN 2001-334513 [35] WPIDS

CR 2000-022098 [02]; 2000-374509 [32]

AB US 6197742 B UPAB: 20010625

NOVELTY - A bar soap **additive** composition comprises a fatty alkyl silicone, a fatty silicate ester, a high viscosity lower alkyl silicon fluid, a silicone surfactant, and an organic surfactant.

DETAILED DESCRIPTION - A bar soap **additive** composition comprises:

- (a) cetearyl **methicone**;
- (b) a fatty silicate ester;
- (c) a high viscosity lower alkyl silicone fluid from polyalkyl siloxanes, polyarylsiloxanes, or polyalkylaryl siloxanes all with suitable viscosity and molecular weight;
- (d) a silicone surfactant; and
- (e) an organic surfactant.

The organic surfactant comprises:

- (i) dicocodimethylammonium chloride;
- (ii) N-(3-chloroallyl)hexamminium chloride;
- (iii) a fatty ester sulfonate;
- (iv) sorbitan monostearate; and
- (v) sodium lauryl sulfate.

The organic surfactant contains two or more carbon atoms covalently bonded and not containing any silicone.

USE - For bar soaps used as skin cleansers.

ADVANTAGE - The composition improves surface deposition of silicone on the skin while maintaining lathering and cleaning properties of the soap.

Dwg. 0/0

L12 ANSWER 18 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2000:990030 PROMT

TITLE: Ethnic Skin Care.

AUTHOR(S): MacDonald, Veronica

SOURCE: Household & Personal Products Industry, (Oct 2000) Vol. 37, No. 10, pp. 65.

ISSN: 0090-8878.

PUBLISHER: Rodman Publications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 6308

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Although the ethnic skin care market is not as saturated as the ethnic hair care market, more players are entering the game to fill the gaps.

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L12 ANSWER 19 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2000:857400 PROMT

TITLE: Body : BROAD-SPECTRUM BABY SUNSCREEN WITH ESCALOL[R] Z-100 (INTERNATIONAL SPECIALTY PRODUCTS).(Brief Article)

SOURCE: Global Cosmetic Industry, (Sept 2000) Vol. 167, No. 3, pp. 46.

PUBLISHER: Advanstar Communications, Inc.

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 503

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB INGREDIENTS % BY WEIGHT
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Cleveland, OH 44130.

L12 ANSWER 20 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2000:738388 PROMT
 TITLE: Field of dreams. (exhibit of beauty products,
 packaging) (Statistical Data Included)
 SOURCE: Soap Perfumery & Cosmetics, (July 2000) Vol. 73, No. 7, pp.
 36.
 ISSN: 0037-749X.
 PUBLISHER: Wilmington Publishing Ltd.
 DOCUMENT TYPE: Newsletter
 LANGUAGE: English
 WORD COUNT: 2188

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB News of HBA's success has spread and as a result this year's show in New
 York broke all records. SPC selects some highlights from the 250 or so new
 products
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 House, 258 Field End Road, Ruislip, Middx HA4 9AU., United Kingdom

L12 ANSWER 21 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 2000-350042 [30] WPIDS
 DOC. NO. CPI: C2000-106429
 TITLE: Solid deodorant composition in form of water-in-oil
 emulsion, comprises active deodorizing substance, aqueous
 and oil phases, silicone emulsifier and solid fat,
 forming solid matrix with oil phase.
 DERWENT CLASS: A14 A17 A25 A26 A96 D21
 INVENTOR(S): AUBERT, L; RIBERY, D
 PATENT ASSIGNEE(S): (OREA) L'OREAL SA
 COUNTRY COUNT: 89
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000021499	A1	20000420	(200030)*	FR	17
RW:	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW				
W:	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW				
FR 2784293	A1	20000414	(200030)		
AU 9958690	A	20000501	(200036)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000021499	A1	WO 1999-FR2319	19990929
FR 2784293	A1	FR 1998-12803	19981013

AU 9958690 A

AU 1999-58690 19990929

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9958690	A Based on	WO 200021499

PRIORITY APPLN. INFO: FR 1998-12803 19981013

AN 2000-350042 [30] WPIDS

AB WO 200021499 A UPAB: 20000624

NOVELTY - Solid deodorant composition in form of water-in-oil emulsion, comprises active deodorizing substance, aqueous and oil phases, silicone emulsifier and solid fat, forming solid matrix with oil phase

DETAILED DESCRIPTION - The composition, in form of water-in-oil emulsion, comprises at least active deodorizing agent, aqueous phase, oil phase, silicone emulsifier and solid fat body which, when mixed with oil phase, forms solid matrix having a) shear resistance equal to or higher than 400 g, and b) drop point equal to or higher than 50 deg. C. The composition may further contain cosmetic additives such as organic solvents, gelling agents, emollients, softeners, antioxidants, opacity agents, hydratants, vitamins, fragrances, preservatives, fillers, polymers, alkalizing or acidifying agents, **colorants**, pigments, **thickener**, or other usual cosmetic additives, and preferably has form of deodorant stick. INDEPENDENT CLAIMS are also included for:

(1) the use of the composition as claimed for preparation of solid cosmetic or dermatologic deodorant, reducing sweating and/or masking, reducing or improving unpleasant **odor** causing by bacterial decomposition of sweat; and

(2) treatment of armpit **odor**, comprising application of solid composition as claimed onto armpit area.

USE - In cosmetic industry, as solid deodorant (deodorant stick) for reduction of sweat generation and/or for masking, improving or reducing disagreeable **odor** formed in result of bacterial decomposition of human sweat.

ADVANTAGE - The composition is efficient and produces pleasant-to-touch effect combined with good rigidity and stability on storage.

Dwg.0/0

L12 ANSWER 22 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 2000-147231 [13] WPIDS

DOC. NO. CPI: C2000-046081

TITLE: Skin whitening composition useful for cosmetics comprises hypopigmenting component and antioxidant.

DERWENT CLASS: B04 D21 E19

INVENTOR(S): KYROU, C D; MARTIN, D M; SIMPSON, S E; TEAL, J J

PATENT ASSIGNEE(S): (AVON) AVON PROD INC

COUNTRY COUNT: 3

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000000162	A1	20000106	(200013)*	EN	22
W: CN ID JP					

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
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WO 2000000162 A1

WO 1998-US13600 19980630

PRIORITY APPLN. INFO: WO 1998-US13600 19980630

AN 2000-147231 [13] WPIDS

AB WO 200000162 A UPAB: 20000313

NOVELTY - Whitening composition comprises a hypopigmenting component and an antioxidant.

ACTIVITY - Skin cell turnover accelerant; antioxidant; dermatological.

MECHANISM OF ACTION - None given.

USE - Used as a whitening cosmetic for lightening skin **color**, evening skin tone and **color** and reducing appearance age spots or freckles, melasma, chloasma post-inflammatory hyperpigmentation, pigmented keratoses and sun induced damage.

ADVANTAGE - None given.

Dwg. 0/0

L12 ANSWER 23 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 2000-374509 [32] WPIDS

CROSS REFERENCE: 2000-022098 [02]

DOC. NO. CPI: C2000-113164

TITLE: Bar soap **additive** composition for improving the surface deposition of silicone, comprises a cetearyl **methicone**, a fatty silicate ester, a high viscosity lower alkyl silicone fluid, a silicone and an organic surfactant.

DERWENT CLASS: A25 A26 A96 D21 E19

INVENTOR(S): KUMAR, G S; RAMACHANDRAN, K N

PATENT ASSIGNEE(S): (GENE) GENERAL ELECTRIC CO

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 6051546	A	20000418 (200032)*		4	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6051546	A CIP of	US 1997-993973	19971218
		US 1999-360827	19990726

FILING DETAILS:

PATENT NO	KIND	PATENT NO
US 6051546	A CIP of	US 5981465

PRIORITY APPLN. INFO: IN 1997-2040 19971028

AN 2000-374509 [32] WPIDS

CR 2000-022098 [02]

AB US 6051546 A UPAB: 20010625

NOVELTY - A composition for improving the surface deposition of silicones added to bar soaps.

DETAILED DESCRIPTION - A bar soap **additive** composition for improving the surface deposition of silicone comprising:

- (a) cetearyl **methicone**;
- (b) a fatty silicate ester;

(c) a high viscosity lower alkyl silicone fluid selected from polyalkyl siloxanes, polyaryl siloxanes and polyalkylaryl siloxanes all with suitable viscosity and molecular weight;
 (d) a silicone surfactant; and
 (e) an organic surfactant, where the organic surfactant comprises one or more 30 of:
 (i) a surfactant chosen from nonionic, cationic and anionic surfactants;
 (ii) a fatty ester sulfonate;
 (iii) sorbitan monostearate; and
 (iv) sodium lauryl sulfate, the organic surfactant containing two or more carbon atoms covalently bonded and not containing any silicone.

USE - The composition can be used as an emulsion and added to soap noodles or converted to a granular **additive** with conventional fillers and added directly to soap during amalgamation. The soap bars as used as skin cleansers.

ADVANTAGE - The practical difficulties of mixing high viscosity fluids during soap manufacture is overcome.

Allows silicone to be deposited on the skin surface to provide enhanced sensory benefits while maintaining the lathering and cleaning properties of the soap.

Dwg.0/0

L12 ANSWER 24 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 2000-023261 [02] WPIDS
 CROSS REFERENCE: 2000-425250 [37]
 DOC. NO. CPI: C2000-005638
 TITLE: Skin whitening composition.
 DERWENT CLASS: B04 B05 D21 E19
 INVENTOR(S): KYROU, C D; MARTIN, D M; PTCHELINTSEV, D; SIMPSON, S E; TEAL, J; PAHLCK, H; RAOUF, M; TRAVKINA, I; PAHLCK, H E
 PATENT ASSIGNEE(S): (AVON) AVON PROD INC
 COUNTRY COUNT: 85
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 9955352	A1	19991104 (200002)*	EN	31	
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
AU 9935733	A	19991116 (200015)			
EP 1073446	A1	20010207 (200109)	EN		
R: DE FR GB IT					
US 6183760	B1	20010206 (200109)			
US 2001008633	A1	20010719 (200143)			
US 6365139	B2	20020402 (200226)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9955352	A1	WO 1999-US9006	19990426
AU 9935733	A	AU 1999-35733	19990426
EP 1073446	A1	EP 1999-917666	19990426
		WO 1999-US9006	19990426
US 6183760	B1 Provisional	US 1998-83528P	19980429

Young 09/972,713

24/05/2002

US 2001008633	A1	Provisional	US 1999-226303	19990107
		Cont of	US 1998-83528P	19980429
			US 1999-226303	19990107
			US 2001-770790	20010126
US 6365139	B2	Provisional	US 1998-83528P	19980429
		Cont of	US 1999-226303	19990107
			US 2001-770790	20010126

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9935733	A Based on	WO 9955352
EP 1073446	A1 Based on	WO 9955352
US 2001008633	A1 Cont of	US 6183760
US 6365139	B2 Cont of	US 6183760

PRIORITY APPLN. INFO: US 1999-227943 19990111; US 1998-83528P 19980429; US 1998-109107 19980630; US 1999-226303 19990107; US 2001-770790 20010126

AN 2000-023261 [02] WPIDS

CR 2000-425250 [37]

AB WO 9955352 A UPAB: 20020424

NOVELTY - Skin whitening blend of hypopigmenting component and antioxidant enhances skin cell turnover rate.

DETAILED DESCRIPTION - Composition for whitening skin comprises a hypopigmenting component (I) and an antioxidant (II).

ACTIVITY - Skin Whitener

USE - As a skin whitener. The blend enhances or accelerates the skin cell turnover rate.

ADVANTAGE - The compositions demonstrate synergistic whitening and depigmenting activity compared to the individual components.

Dwg. 0/0

L12 ANSWER 25 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 2000-136025 [12] WPIDS

CROSS REFERENCE: 1997-011819 [01]; 2000-159799 [08]; 2000-222941 [17];
2001-326838 [23]

DOC. NO. CPI: C2000-041582

TITLE: Multilayer finish-enhanced cosmetic with smear resistance for use as a lipstick.

DERWENT CLASS: A26 A96 D21

INVENTOR(S): NICHOLS, R

PATENT ASSIGNEE(S): (LIPI-N) LIP-INK INT

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 6001374	A	19991214 (200012)*		10	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6001374	A CIP of	US 1995-440780	19950515
		US 1996-647837	19960515

FILING DETAILS:

PATENT NO	KIND	PATENT NO
US 6001374	A CIP of	US 5747017

PRIORITY APPLN. INFO: US 1996-647837 19960515; US 1995-440780
19950515

AN 2000-136025 [12] WPIDS

CR 1997-011819 [01]; 2000-159799 [08]; 2000-222941 [17]; 2001-326838 [23]

AB US 6001374 A UPAB: 20010620

NOVELTY - A multilayer finish-enhanced cosmetic, comprising a cosmetic layer (containing pigment) and a finish-enhancing layer (containing silicone), is new. The cosmetic composition does not contain wax.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of enhancing the appearance of a body area using the multilayer finish-enhanced cosmetic which involves applying the cosmetic and finish-enhancing layers.

USE - For use as a cosmetic (e.g. lipstick, **coloring** around eyes, **coloring** for nails).

ADVANTAGE - The cosmetic is water insoluble and has excellent staying power. The cosmetic does not smear on beverage receptacles, fabrics or human skin once it has dried. The cosmetic can be applied in 3 or more successive layers without caking up or cracking, giving a pleasing aesthetic appearance. Each layer is allowed to dry between successive applications to prevent smearing. The cosmetic finish can be either matte or glossy.

Dwg.0/0

L12 ANSWER 26 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 1998:375515 PROMT

TITLE: Colour innovations aid the formulator

AUTHOR(S): Woodruff, John

SOURCE: Manufacturing Chemist, (Jun 1998). pp. 15.

ISSN: 0262-4230.

LANGUAGE: English

WORD COUNT: 1993

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB With current trends in **colour** cosmetics being towards wear-resistance and multifunctional products, new ingredients focus on improved performance.

Mention cosmetics and most people think of lipsticks and makeup, but cosmetics is defined as a general term for the entire personal care industry. Decorative products are only 12% of the total with a sales value of approximately US\$9bn in 1996. Although patent activity in the decorative sector of cosmetics has been slow of late, there seems to be no lack of new developments from the material suppliers. Surface treatment of pigments and powders continues to grow, with both hydrophilic and hydrophobic coatings conferring desirable attributes to the product.

A new beeswax-silicone derivative is available for improving the wear resistance of lipsticks, and many new material combinations are suggested for adding value to the product by making it multifunctional. Pigment manufacturers continually introduce new shades and the interference **colours** seem brighter and more **colourful** than ever. Nor are base materials neglected, with softer grades of talc, smaller spheres of polyethylene and other polymers and smoother grades of boron nitride all being claimed.

Even before the launch of 2-in-1 shampoos, many cosmetics claimed additional benefits, moisturising makeup and eyeshadows being typical examples. Now micronised [TiO₂] is added as a sun protectant and Solaveil has introduced a new range of 50% solids content dispersions in

various esters, emollients and silicone compounds with those in [C.sub.12]-15 alkyl benzoate, cyclomethicone, phenyltrimethicone and caprylic/capric triglyceride being of particular interest to the makeup sector. For UV-A protection microfine ZnO may be added; again, using oil-based dispersions greatly simplifies preparation. Solaveil has a wide range of ZnO dispersions in different oils, while Sunsmart offers them in gel form and also supplies Sun-Cap organic sunscreens encapsulated in a protective polymer.

Lipo Chemicals has just introduced octylmethoxycinnamate entrapped in cyclodextrin in powder form to add to makeup for daily UV protection. The same technology is used to supply tocopheryl acetate in powder form for vitamin E claims in loose and pressed powders and to add salicylic acid to water-based make-up for antiwrinkle claims.

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L12 ANSWER 27 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 1998:597666 PROMT
 TITLE: Oxidative stress in daily life.
 AUTHOR(S): Morganti, Pierfrancesco
 SOURCE: Soap Perfumery & Cosmetics, (Oct 1998) pp. 23(1).
 ISSN: 0037-749X.
 LANGUAGE: English
 WORD COUNT: 1109

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Pierfrancesco Morganti is also president/director, R&D at Mavi Sud in Italy

Pierfrancesco Morganti on fighting free radicals
 Free radicals trigger chain reactions which damage cell membranes, nucleic acids, hyaluronic acid and the collagen which is the main component of connective tissue. That radicals play a key role in physiological, pathophysiological and toxicological processes is therefore a universally acknowledged fact.

At the tissue level a vicious circle sets in. As a result of the damage to the tissue the cell becomes less efficient at producing energy and its capacity to synthesise all the cell membrane components is impaired. The weakened cell is consequently more susceptible to future attack from free radicals. As this damage is repeated, it will increasingly impair the cell's efficiency and lead to early ageing of the damaged tissue (Figure 1).

The frequently recurring inappropriate metabolism of oxygen may be the main cause of toxicity in biological systems. The toxic effects of oxygen are not due to molecular oxygen per se, but rather to several reactive oxygen species (ROS) including the super oxide anion (002), hydrogen peroxide ([H.sub.2][O.sub.2]), hydroxyl radical ([degrees]OH) and singlet oxygen

These ROS, generated from molecular oxygen by enzymatic and non-enzymatic oxidative reactions, maybe involved in a variety of skin disorders such as carcinogenesis, cutaneous inflammation and photosensitisation. In the balance between cell production and the catalysis of these oxidants, ROS is critical for the maintenance of tissue homeostasis. For this reason, tissues have a variety of systems to prevent and minimise oxidative injury with the result that these reactions are normally well controlled.

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L12 ANSWER 28 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 1998-261154 [23] WPIDS
 DOC. NO. CPI: C1998-081067
 TITLE: Aqueous odour-absorbing composition used to reduce body,

vaginal, and/or environmental odours on skin, etc. - comprises solubilised water-soluble non-complexed cyclodextrin, linear di **methicone**, optionally solubilised water-soluble antimicrobial preservative and aqueous carrier.

DERWENT CLASS:

A26 A96 D22 E12 F07

INVENTOR(S):

BARTOLO, R G; BUCKNER, R Y; DODD, M T; KAJA, T M; LUCAS, J M; TRINH, T

PATENT ASSIGNEE(S):

(PROC) PROCTER & GAMBLE CO

COUNTRY COUNT:

80

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
<hr/>					
WO 9817239	A1	19980430	(199823)*	EN	21
RW:	AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT				
SD SE SZ UG ZW					
W:	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE				
GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN					
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN					
YU ZW					
AU 9749085	A	19980515	(199838)		
US 5882638	A	19990316	(199918)		
US 5897855	A	19990427	(199924)		
US 5897856	A	19990427	(199924)		
US 5911976	A	19990615	(199930)		
NO 9901896	A	19990621	(199934)		
EP 939614	A1	19990908	(199941)	EN	
R:	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE				
CZ 9901451	A3	19990915	(199945)		
BR 9712657	A	19991026	(200009)		
HU 9904570	A2	20000528	(200035)		
CN 1256624	A	20000614	(200048)		
MX 9903876	A1	19990801	(200063)		
KR 2000052769	A	20000825	(200121)		
AU 731790	B	20010405	(200125)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
<hr/>			
WO 9817239	A1	WO 1997-US18852	19971023
AU 9749085	A	AU 1997-49085	19971023
US 5882638	A CIP of	US 1996-738964	19961024
		US 1997-951185	19971015
US 5897855	A CIP of	US 1996-736469	19961024
		US 1997-946770	19971008
US 5897856	A Div ex	US 1996-736093	19961024
	CIP of	US 1997-889607	19970708
		US 1997-947076	19971008
US 5911976	A Cont of	US 1996-736093	19961024
		US 1997-947299	19971008
NO 9901896	A	WO 1997-US18852	19971023
		NO 1999-1896	19990421
EP 939614	A1	EP 1997-911792	19971023
		WO 1997-US18852	19971023
CZ 9901451	A3	WO 1997-US18852	19971023
		CZ 1999-1451	19971023
BR 9712657	A	BR 1997-12657	19971023
		WO 1997-US18852	19971023

HU 9904570	A2	WO 1997-US18852	19971023
		HU 1999-4570	19971023
CN 1256624	A	CN 1997-180171	19971023
MX 9903876	A1	MX 1999-3876	19990426
KR 2000052769	A	WO 1997-US18852	19971023
		KR 1999-703577	19990423
AU 731790	B	AU 1997-49085	19971023

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9749085	A Based on	WO 9817239
EP 939614	A1 Based on	WO 9817239
CZ 9901451	A3 Based on	WO 9817239
BR 9712657	A Based on	WO 9817239
HU 9904570	A2 Based on	WO 9817239
KR 2000052769	A Based on	WO 9817239
AU 731790	B Previous Publ. Based on	AU 9749085 WO 9817239

PRIORITY APPLN. INFO: US 1997-951185 19971015; US 1996-736093
 19961024; US 1996-736469 19961024; US
 1996-738964 19961024; US 1997-889607
 19970708; US 1997-946770 19971008; US
 1997-947076 19971008; US 1997-947299 19971008

AN 1998-261154 [23] WPIDS

AB WO 9817239 A UPAB: 19980610

An aqueous odour absorbing composition comprises: (a) 0.1-5 wt.% of solubilised, water-soluble, uncomplexed cyclodextrin; (b) 0.5-30 wt.% of a linear dimethicone having a nominal viscosity of 350 centistokes or less; optionally (c) an effective amount of solubilised, water-soluble, antimicrobial preservative; and (d) an aqueous carrier.

The composition is safe for use on skin.

Also claimed is a pre-formed wipe composition where the claimed composition is deposited on a wipe, which comprises a flexible dispensing means.

USE - The composition is used to reduce body, vaginal, and/or environmental odours on skin (pelvic region, an external vagina and/or a panty line) (claimed). Other particular areas of skin include the bra-line and skin folds. The compositions may be applied to the entire body.

ADVANTAGE - The compositions provide convenient, non-irritating odour-protection and extended shelf-life. They are perfume-free.

Dwg.0/0

L12 ANSWER 29 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 97:300889 PROMT

TITLE: Translating Silicone Chemistry to Color
 Cosmetics, Part 3

AUTHOR(S): ABRUTYN, ERIC

SOURCE: Drug & Cosmetic Industry, (May 1997) pp. 24.
 ISSN: 0012-6527.

LANGUAGE: English

WORD COUNT: 336

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB References:

1. DiSapio, A. "Silicones in Personal Care: An Ingredient Revolution," Drug and Cosmetic Industry, Vol. 154, No. 5, pp. 29-36+ (May 1994).
2. EP 602,905--Revlon Consumer Products Corp.

3. US 5,085,855--Mary Kay.
4. FDA 21 CFR, part 347, "Skin Protectant Drug Products for Over-the-Counter Human Use," (June 20, 1990).
5. JP 1,250,307--Kobayashi Kose.
6. Kasprzak, K., "A Guide to Formulating Water-inSilicone Emulsions with Dow Coming 3225C Formulation Aid," Dow Coming white paper (1995).
7. Dahms, G. and Zombeck, A., "New Formulation Possibilities Offered by Silicone Copolyols," Cosmetics & Toiletries, Vol. 110, pp. 91-94 (March 1995).
8. JP 05,148,121--Kanebo Ltd.
9. JP 05,112,430--Kanebo Ltd.
10. JP 03,264,510--Shiseido.
11. US 5,288,482--Dow Corning.
12. JP 1,261,316--Nippon Shikizai Kenkyusho.
13. JP 05,112,430--Kanebo.
14. EP 558,032--Dow Coming Toray Silicone.
15. US 5,200,172--Revlon.

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L12 ANSWER 30 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 96:249132 PROMT
TITLE: Claims Substantiation on a Shoestring Budget, Part 3
Article discusses how to word packages to avoid potentially costly marketing claims
SOURCE: Drug & Cosmetic Industry, (May 1996) pp. 64.
ISSN: 0012-6527.
LANGUAGE: English
WORD COUNT: 1330

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Reviewing this information, r&d and legal staff gain an idea of what the product is supposed to be and do, what comparisons to other products are required, and how much time is available to accomplish development and testing.

When claims substantiation costs must be kept to an absolute minimum, label and advertising copy should be examined closely, seeking the "high cost claims" which follow. For each claim, guidance towards development of alternative copy is provided. The revised copy should be reviewed with the marketing staff towards gaining its adoption.

Superlatives

(the, best, first, only, never, unique)

THE--"the" can imply "the only," which may be very difficult, and consequently very costly, to prove. A "costly claim" is thus: "The hair spray for 24 hour hold." A less costly claim would be "Our hair spray for 24 hour hold." For the latter claim, only the product itself requires testing (to affirm that there is indeed a statistically significant improvement in curl retention versus untreated hair).

When claims substantiation costs must be kept to an absolute minimum, remember: limit the extent of the claim, and if possible, eliminate external comparisons completely.

BEST--"best" can imply superiority over competitors' products, requiring substantial testing to sustain the claim. For example, "best hair detangler" is a costly claim because there is a generally accepted procedure for measuring detangling, and the marketers of other commercially available products could challenge the claim on the basis of their own test results. A less costly claim would be "best detangling of the leading hair conditioners," where testing could be limited to perhaps the ten top selling products. The least costly claim (particularly if this is the first detangler for the company) would be "our best hair detangler [ever]."

FIRST--Being first is not easy to prove. Unless patented technology or exclusive ingredients are involved. Consequently, "the first moisturizing lotion with Cetearyl **Methicone**" could be difficult to prove. The less costly claim would be "our first moisturizing lotion with Cetearyl **Methicone**."

ONLY--As with use of the word "first," unless patented technology or exclusive ingredients are involved, being "the only one" is not easy to prove (nor to sustain, since competitors can change their products).

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L12 ANSWER 31 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 1996-309214 [31] WPIDS
 DOC. NO. CPI: C1996-098700
 TITLE: Flavour, **perfume**, coolant or antimicrobial compsn. - comprises dimethicone co poly ol selected from alkyl- and alkoxy-di **methicone** co poly ol(s).
 DERWENT CLASS: A26 D13 E11
 INVENTOR(S): HUGHES, I A
 PATENT ASSIGNEE(S): (PROC) PROCTER & GAMBLE CO
 COUNTRY COUNT: 68
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 9619119	A1	19960627	(199631)*	EN	26
RW: AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
W: AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN					
AU 9645268	A	19960710	(199643)		
EP 792110	A1	19970903	(199740)	EN	
R: AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE					
CZ 9701909	A3	19971112	(199801)		
SK 9700832	A3	19980114	(199812)		
AU 688193	B	19980305	(199820)		
BR 9510477	A	19980602	(199829)		
HU 77710	T	19980728	(199842)		
MX 9704666	A1	19970901	(199850)		
JP 10512854	W	19981208	(199908)	25	
KR 98700807	A	19980430	(199914)		
NZ 300505	A	19990729	(199935)		
US 6123950	A	20000926	(200051)		
CA 2206463	C	20001003	(200056)	EN	
KR 225666	B1	19991015	(200110)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9619119	A1	WO 1995-US16675	19951213
AU 9645268	A	AU 1996-45268	19951213
EP 792110	A1	EP 1995-943929	19951213
		WO 1995-US16675	19951213
CZ 9701909	A3	WO 1995-US16675	19951213
		CZ 1997-1909	19951213
SK 9700832	A3	WO 1995-US16675	19951213
		SK 1997-832	19951213
AU 688193	B	AU 1996-45268	19951213
BR 9510477	A	BR 1995-10477	19951213

HU 77710	T	WO 1995-US16675	19951213
MX 9704666	A1	WO 1995-US16675	19951213
JP 10512854	W	HU 1998-735	19951213
KR 98700807	A	MX 1997-4666	19970620
NZ 300505	A	WO 1995-US16675	19951213
US 6123950	A	JP 1996-519994	19951213
CA 2206463	C	WO 1995-US16675	19951213
KR 225666	B1	KR 1997-704211	19970620
		NZ 1995-300505	19951213
		WO 1995-US16675	19951213
		US 1997-849982	19970806
		CA 1995-2206463	19951213
		WO 1995-US16675	19951213
		WO 1995-US16675	19951213

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9645268	A Based on	WO 9619119
EP 792110	A1 Based on	WO 9619119
CZ 9701909	A3 Based on	WO 9619119
AU 688193	B Previous Publ.	AU 9645268
	Based on	WO 9619119
BR 9510477	A Based on	WO 9619119
HU 77710	T Based on	WO 9619119
JP 10512854	W Based on	WO 9619119
KR 98700807	A Based on	WO 9619119
NZ 300505	A Based on	WO 9619119
US 6123950	A Based on	WO 9619119
CA 2206463	C Based on	WO 9619119

PRIORITY APPLN. INFO: GB 1994-25928 19941222

AN 1996-309214 [31] WPIDS

AB WO 9619119 A UPAB: 19960808

A flavour, **perfume**, coolant or antimicrobial compsn. comprises a dimethicone copolyol selected from alkyl- and alkoxydimethicone polyols of formula (I), where X = H or 1-16C (alkyl, alkoxy or acyl), Y = 8-22C (alkyl or alkoxy), n = 0-200, m = 1-40, q = 1-100, the mol. wt. of residue $(C_2H_4)_x(C_3H_6O)_yX$ is 50-2000, x, y are such that the wt. ratio of oxyethylene:oxypropylene is 100:0-0:100. Also claimed is the use of the dimethicone polyols (I) with a lipophile selected from flavourants, **perfumes**, physiological coolants and antimicrobial agents to provide improved surface residuability.

USE - The silicone compsns. are useful in personal care prods., laundry and household cleaners, bleaching compsns. etc. The compsns. can be used on teeth, hair, skin, laundry, dishware, work surfaces etc.

ADVANTAGE - The silicone compsns. provide improved residuability, impact and/or antimicrobial efficacy to compsns. contg. them. The cpds. also improve the stability and effectiveness of bleach compsns.

Dwg.0/0

L12 ANSWER 32 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 1996-105189 [11] WPIDS

CROSS REFERENCE: 1996-371104 [37]

DOC. NO. CPI: C1996-033197

TITLE: Clear, low residue antiperspirant compsn. - comprising antiperspirant, PEG-7-glyceryl coco ate, emollient and

cyclo **methicone**, leaves no visible white residue after application.

DERWENT CLASS:

A25 A96 D21 E19

INVENTOR(S):

BENFATTO, A

PATENT ASSIGNEE(S):

(BRIM) BRISTOL-MYERS SQUIBB CO

COUNTRY COUNT:

1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 5487887	A	19960130	(199611)*		7

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 5487887	A	US 1993-144777	19931028

PRIORITY APPLN. INFO: US 1993-144777 19931028

AN 1996-105189 [11] WPIDS

CR 1996-371104 [37]

AB US 5487887 A UPAB: 19970108

An antiperspirant compsn. comprises (a) 5-30 wt.% antiperspirant active (I); (b) 5-25 wt.% PEG-7-glyceryl cocoate (II); (c) 0.5-3 wt.% emollient (III); (d) 3-7 wt.% cyclomethicone (IV); and (e) 35-60 wt.% H₂O. The compsn. is an oil-in-H₂O microemulsion.

Pref. the compsn. also comprises 0.1-3 wt.% of an organic non-resinous **thickener** (esp. 1.5-2 wt.% PEG-150 pentaerythritol tetraesteate); an oil-in-H₂O emulsifying system comprising pref. 0.5-2 wt.% Poloxamer 217 (HO(C₂H₄O)_x(CH₂CH₂O)_y(C₂H₄O)_zH; (where average x, y and z are 52, 35 and 52 resp.)), 0.5-2 wt.% glycereth-7-benzoate and less than 5 wt.% of a nonionic surfactant (esp. octoxynol-9 or lauricdiethanolamide); a soluble electrolyte as viscosity control agent (esp. 0.01-0.5 wt.% NaCl; partic. with the pref. **thickener**); pref. 0.5-10 wt.% of a humectant to impart low temp. stability (esp. up to 8C mono- or dialkyl glycol, partic. 8 wt.% dipropylene glycol); and 0.01-1 wt.% **perfumes** (esp. ca. 0.5 wt.%) and/or fillers.

ADVANTAGE - The clear, antiperspirant roll-on compsn. leaves no visible white residue on skin after application., and is stable under varying temp. conditions. In addn., the compsn. provides a cosmetically acceptable feel or sensation when applied to the skin.

Dwg.0/0

L12 ANSWER 33 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 95:222938 PROMT

TITLE: **Colours** benefit from advances in material use

SOURCE: Manufacturing Chemist, (May 1995) pp. 17.

ISSN: 0262-4230.

LANGUAGE: English

WORD COUNT: 2215

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB By John Woodruff

Although few new raw materials for decorative cosmetics have been introduced recently, existing ones are being formulated in different ways. Cosmetics consultant John Woodruff reports.

From the lack of recent patent activity, it may appear that developments in decorative cosmetics have been somewhat static over the past year or so. a survey of material suppliers, however, shows this to be far from the

case. Although the dyes and pigments available to the cosmetic chemist are probably decreasing in number, there have been many advances in the way they are used.

Coated pigments are not new, but there have been many improvements and new introductions. The use of boron nitride in powders and lipsticks has grown enormously; citrate esters are being used to improve nail enamels; entrapment technology is providing controlled release of actives in lipsticks, eye -shadows and face make-up whilst preventing interaction between the active and pigment content. Other developments include the use of micronised oxides as UV protectants in liquid make-up, new dispersing aids, different emollients, increasing use of silicone technology and dual function products, combining skin care with decoration.

Nail products have recently proved to be one of the fastest growing areas of cosmetic care. Dow Corning had patented (1) a nail enamel composition in which the primary film-forming resin is a polymer used as a replacement for nitrocellulose. By grafting ethylene glycol dimethacrylate side-chain units onto an acrylic ester backbone and cold blending the resulting graft polymer with a silsesquioxane, a resin is obtained that had improved adhesion, hardness and wearing characteristics. Another patent (2) discloses a nail enamel composition containing citrate esters as plasticisers to improve wearing qualities, gloss and chip-resistance.

Table Shows Creamy foundation with UV protection

Table shows materials listed in text and formulations other suppliers may be available

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L12 ANSWER 34 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 1995-053444 [08] WPIDS
 DOC. NO. CPI: C1995-024311
 TITLE: Improving spray properties of otherwise standard low volatile organic cpd. hair sprays - by addn. of hexa methyl di siloxane, bi phenyl hexa **methicone** and/or iso cetyl alcohol as hydrophobic additive

DERWENT CLASS: A96 D21 E19
 INVENTOR(S): MARTINO, G T; MORAWSKY, N A; MORAWSKY, N
 PATENT ASSIGNEE(S): (ABLE-N) ABLESTIK LAB; (NATT) NAT STARCH & CHEM INVESTMENT; (NATT) NAT STARCH & CHEM INVESTMENT HOLDING COR
 COUNTRY COUNT: 12
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 635257	A1	19950125	(199508)*	EN	9
R: AT BE DE DK ES FR GB IT NL					
CA 2128313	A	19950122	(199516)		
JP 07145024	A	19950606	(199531)		7
JP 2531934	B2	19960904	(199640)		6
US 5599524	A	19970204	(199711)		5
EP 635257	B1	19971001	(199744)	EN	10
R: AT BE DE DK ES FR GB IT NL					
DE 69405927	E	19971106	(199750)		
ES 2107718	T3	19971201	(199803)		
CA 2128313	C	19981222	(199910)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
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EP 635257	A1	EP 1994-111299	19940720
CA 2128313	A	CA 1994-2128313	19940718
JP 07145024	A	JP 1994-169466	19940721
JP 2531934	B2	JP 1994-169466	19940721
US 5599524	A CIP of	US 1993-95150	19930721
		US 1994-267268	19940628
EP 635257	B1	EP 1994-111299	19940720
DE 69405927	E	DE 1994-605927	19940720
		EP 1994-111299	19940720
ES 2107718	T3	EP 1994-111299	19940720
CA 2128313	C	CA 1994-2128313	19940718

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 2531934	B2 Previous Publ.	JP 07145024
DE 69405927	E Based on	EP 635257
ES 2107718	T3 Based on	EP 635257

PRIORITY APPLN. INFO: US 1993-95150 19930721; US 1994-267268 19940628

AN 1995-053444 [08] WPIDS

AB EP 635257 A UPAB: 19950301

The spray characteristics of a hair spray comprising (total 100 wt.%) 2-20 wt.% hair fixative polymer in an aq. solvent contg. 80% or less of a volatile org. cpd. are improved by incorporation of 0.6-5% hexamethyldisiloxane, bisphenyl hexamethicone and/or isocetyl alcohol as hydrophobic additive. 0-20% compressed or liquified gas is present in the claimed compsn. as propellant.

Pref. the hair fixative polymer is a vinyl acetate/crotonate/vinyl neodecanoate (or vinyl pyrrolidone) copolymer; octylacrylamide/acrylate/Bu aminoethyl methacrylate copolymer; vinyl acetate/crotonate copolymer; polyvinylpyrrolidone (PVP); PVP/vinyl acetate (or acrylate) copolymer; vinyl acetate/crotonic acid/vinyl propionate copolymer; acrylate/(octyl)acrylamide copolymer; alkyl ester or a vinyl Me ether/maleic anhydride copolymer; diglycol/cyclohexanedimethanol/isophthalate/sulfoisophthalate copolymer; vinyl acetate/Bu maleate/isobornyl acrylate copolymer; etc. Pref. the volatile organic solvent is a low boiling alcohol, acetal or ketone; or an ether or low boiling 3-6C hydrocarbon. The propellant is gaseous N₂, air, CO₂ or a halo-hydrocarbon.

ADVANTAGE - Low VOC hair sprays are obtd. in which foaming at the spray activator and on the hair is eliminated.

Dwg.0/0

ABEQ US 5599524 A UPAB: 19970313

A hair spray composition consisting essentially of a total of 100% by weight: 2 to 20% of a hair fixative polymer selected from the group consisting of a vinyl acetate/crotonates/vinyl neodecanoate copolymer, an octylacrylamide/acrylates/butylaminoethyl methacrylate copolymer, a vinyl acetate/crotonates copolymer, a polyvinylpyrrolidone homopolymer, a polyvinylpyrrolidone/vinyl acetate copolymer, a polyvinylpyrrolidone/acrylates copolymer, a vinyl acetate/crotonic acid/vinyl propionate copolymer, an acrylates/acrylamide copolymer, an acrylates/octylacrylamide copolymer, alkyl esters of polyvinylmethylether/maleic anhydride copolymers, a diglycol/cyclohexane-dimethanol/isophthalates/sulfoisophthalates copolymer, a vinyl acetate/butyl maleate/isobornyl acrylate copolymer, a vinylcaprolactam/polyvinylpyrrolidone/dimethylaminoethyl methacrylate copolymer, a vinyl acetate/alkylmaleate half ester/N-substituted acrylamide copolymer, a vinylcaprolactam/vinylpyrrolidone/methacryloamidop

ropyl trimethylammonium chloride copolymer, and a methacrylates/acrylates copolymer/amine salt, 0.6 to 5% of a hydrophobic additive that is hexamethyl disiloxane, 80% or less of a volatile organic compound selected from the group consisting of methanol, ethanol, propanol, isopropanol, butanol, acetone, dimethoxymethane, and dimethyl ether, 3 to 60% of a propellant selected from the group consisting of a hydrofluorocarbon, propane, butane, isobutane and a compressed gas selected from the group consisting of compressed nitrogen, air and carbon dioxide 0 to 10% of an ingredient selected from the group consisting of plasticisers, emollients, lubricants, penetrants, fragrances, perfumes, UV absorbers, dyes, colorants, thickeners, anticorrosion agents, detackifying agents, combing aids, antistatic agents and preservatives; and at least 20% of water, wherein the hair spray composition has improved spray characteristics compared to hair spray compositions which comprise at least 20% by weight water and which do not contain from 0.6 to 5% the hydrophobic additive.

Dwg.0/0

ABEQ EP 635257 B UPAB: 19971105

A hair spray composition giving improved spray characteristics comprising to a total of 100% by weight 2 to 20% of a hair fixative polymer, 0.6 to 5% of one or more hydrophobic additives selected from the group consisting of hexamethyl disiloxane, bisphenyl hexamethicone and isocetyl alcohol, 80% or less of one or more volatile organic compounds, 0 to 20% of a propellant selected from the group consisting of a compressed or liquified gas, and the balance of water.

Dwg.0/0

L12 ANSWER 35 OF 43 WPIDS (C) 2002 THOMSON DERTWENT

ACCESSION NUMBER: 1994-279353 [34] WPIDS

DOC. NO. CPI: C1994-127439

TITLE: Waterproof cosmetic compsn., useful as a mascara - comprising a di **methicone**-silica copolymer in a emulsion system, providing excellent build and colour, easily removable with soap and water.

DERWENT CLASS: A96 D21

INVENTOR(S): DA, CUNHA K; DENNINGER, L; PASCIUTA, R; STEVENS, K

PATENT ASSIGNEE(S): (LAUD) LAUDER INC ESTEE

COUNTRY COUNT: 21

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
<hr/>					
WO 9417775	A1	19940818 (199434)*	EN	21	
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
	W:	AU CA JP			
US 5356627	A	19941018 (199441)		5	
AU 9461003	A	19940829 (199501)			
EP 681463	A1	19951115 (199550)	EN		
R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
JP 08506342	W	19960709 (199650)		18	
EP 681463	A4	19970226 (199728)			
AU 682679	B	19971016 (199801)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
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WO 9417775	A1	WO 1994-US1157	19940131
US 5356627	A	US 1993-12089	19930201

AU 9461003	A	AU 1994-61003	19940131
EP 681463	A1	WO 1994-US1157	19940131
JP 08506342	W	EP 1994-907400	19940131
EP 681463	A4	WO 1994-US1157	19940131
AU 682679	B	JP 1994-518168	19940131
		WO 1994-US1157	19940131
		EP 1994-907400	19940131
		AU 1994-61003	19940131

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9461003	A Based on	WO 9417775
EP 681463	A1 Based on	WO 9417775
JP 08506342	W Based on	WO 9417775
AU 682679	B Previous Publ. Based on	AU 9461003 WO 9417775

PRIORITY APPLN. INFO: US 1993-12089 19930201

AN 1994-279353 [34] WPIDS

AB WO 9417775 A UPAB: 19941013

A waterproof cosmetic compsn., useful as a mascara, comprises a dimethicone-silica copolymer in an emulsion system.

A cosmetic compsn. pref. comprising: (a) 1-25 wt.% of a dimethicone-silica copolymer; (b) 2-25 wt.% water; (c) 15-85 wt.%, pref. 30-40 wt.%, of a volatile organic solvent pref. selected from petroleum distillate, isoparaffin, cyclomethicone, isododecane and isohexadecane; (d) 5-75 wt.%, pref. 15-25 wt.%, of at least one cosmetically acceptable wax, pref. selected from carnauba, candelilla wax, ozokerite, beeswax, microcrystalline wax, synthetic wax and paraffin; and (e) 1-20 wt.% of colourant, pref. selected from iron oxides, ultramarine blue, ferric ammonium ferrocyanide, carmine, manganese violet, ultramarine pink, ultramarine violet, chromium hydroxide green, chromium oxide green and titanium dioxide; and opt. further comprising cosmetic fillers, cosmetic preservatives, cosmetic film forming agents and cosmetic emulsifiers.

ADVANTAGE - The compsn. provides a flexible, natural waterproof film with excellent build on eyelashes. The compsn. provides brilliant colour, does not smudge or flake and is easily removable with soap and water.

Dwg.0/0

ABEQ US 5356627 A UPAB: 19941206

Waterproof cosmetic compsn., comprises a dimethicone-silica copolymer, a volatile organic solvent, and 1 or more wax, or a cosmetic emulsion.

Emulsion comprises water-in-oil or oil-in-water. Compsn. opt. includes a colourant. Emulsion system is a soap system.

Water-in-oil emulsion is anionic or nonionic.

USE - As a mascara which is easily removed with soap and water.

Dwg.0/0

L12 ANSWER 36 OF 43 WPIDS (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: 1994-248966 [30] WPIDS

DOC. NO. NON-CPI: N1994-196671

DOC. NO. CPI: C1994-113239

TITLE: Stripping compsn. for removal of resins paints and inks from substrates - comprises n-methyl pyrrolidone or a mixt. of n-methyl pyrrolidone and gamma-butyrolactone and cyclo **methicone**.

DERWENT CLASS: A60 E19 G02 P43

INVENTOR(S): FUSIAK, F

PATENT ASSIGNEE(S): (ISPI-N) ISP INVESTMENTS INC

COUNTRY COUNT: 20

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 9415727	A1	19940721 (199430)*	EN	22	
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
W: AU CA JP					
US 5334331	A	19940802 (199430)			5
AU 9453290	A	19940815 (199442)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9415727	A1	WO 1993-US9765	19931013
US 5334331	A	US 1993-3169	19930112
AU 9453290	A	AU 1994-53290	19931013

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9453290	A Based on	WO 9415727

PRIORITY APPLN. INFO: US 1993-3169 19930112

AN 1994-248966 [30] WPIDS

AB WO 9415727 A UPAB: 19940914

A stripping compsn. for removal of resins, paints and inks from substrates comprises 30-98.5 wt.% of N-methylpyrrolidone or a 90/10-10/90 mixt. of N-methylpyrrolidone and gammabutyrolactone and 0.1-5 wt.% of cyclomethicone.

The compsn. contains 50-90 wt.% of N-methylpyrrolidone (NMP) or the NMP-mixt. and 0.3-3 wt.% cyclomethicone. The compsn. further comprises (an) additive(s) selected from a surfactant (es. tridecyloxy poly(alkyleneoxy ethanol)) in an amt. of upto 10 wt.%, an evaporation retardant in an amt. upto 5 wt.%, a diluent (esp. propylene carbonate) in an amt. upto 50 wt.%, a coactivator (esp. formic acid or ethylethoxy propionate) in an amt. upto 10 wt.% along with a buffer to control pH to 3-4.5 and a thickening agent (esp. Klucel H) in an amt. up to 20 wt.%.

A specified compsn. (3 are specified) comprises: 689 pts.wt. NMP, 0.5 pts.wt. cyclomethicone, 1.5 pts.wt. Klucel H, 0.4 pts.wt. ethyl-3-ethoxy propionate, 18 pts.wt. propylene carbonate, 7 pts.wt. formic acid and 1 pts.wt. tridecyloxy poly(alkyleneoxy ethanol).

USE/ADVANTAGE - The compsn. is useful for stripping organic coatings such as paints, resins, varnishes and shellac from substrates such as wood, metal etc. The compsn. is environmentally safe, and water soluble. Cyclomethicone activates the other components for more effective paint and varnish removing action. Less amts. of the compsn. are needed for effective removal of the paint etc. than when using prior art compsns.

Dwg.0/0

ABEQ US 5334331 A UPAB: 19940914

Stripping compsn. comprises (a) 60-98.5 wt.% of N-methylpyrrolidone or mixt. of this with gamma-butyrolactone in wt. ratio 90/10-37/57; and (b) 0.5-5 wt.% of cyclomethicone of formula (I), (where n is 3-6).

Opt. compsn. also contains 10 wt.% or less of surfactant, 5 wt.% or less of evaporation retardant, 50 wt.% or less of diluent, 10 wt.% or less of HCOOH, acetic acid, hydroxyacetic acid, H2O2, ethyl-3-ethoxy propionate

or organoamine as coactivator with buffer to pH3-4.5; and/or 20 wt.% or less of thickening agent.

USE - For removing paints, varnish, shellac, enamel, polyurethane coatings or inks from a substrate.

Dwg.0/0

L12 ANSWER 37 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 1994-048041 [06] WPIDS
 CROSS REFERENCE: 1994-120231 [15]
 DOC. NO. CPI: C1994-021699
 TITLE: Powdered colour cosmetic compsn., esp. eye shadow for improved smoothness - contg. ultrafine powdered boron nitride and powdered nylon and pharmaceutically acceptable carrier, for improved skin feel, spreadability, creamy texture and adhesion to skin.
 DERWENT CLASS: A96 D21 E12 E36
 INVENTOR(S): ELLIOTT, M; GALLAGHER, L A; HECHAVARRIA, C
 PATENT ASSIGNEE(S): (UNIL) UNILEVER PLC; (UNIL) UNILEVER NV; (UNIL) UNILEVER LTD; (ARDE-N) ARDEN CO DIV CONOPCO INC ELIZABETH
 COUNTRY COUNT: 7
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 5283062	A	19940201	(199406)*		4
AU 9346197	A	19940317	(199416)		
CA 2105005	A	19940311	(199421)		
JP 06172128	A	19940621	(199429)		8
NZ 248535	A	19950726	(199535)		
AU 9716639	A	19970529	(199730)		
DE 69325492	E	19990805	(199937)		
ES 2133147	T3	19990901	(199941)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 5283062	A	US 1992-943073	19920910
AU 9346197	A	AU 1993-46197	19930908
CA 2105005	A	CA 1993-2105005	19930827
JP 06172128	A	JP 1993-226071	19930910
NZ 248535	A	NZ 1993-248535	19930830
AU 9716639	A	AU 1993-46197	19930908
	Div ex	AU 1997-16639	19970327
DE 69325492	E	DE 1993-625492	19930908
		EP 1993-307068	19930908
ES 2133147	T3	EP 1993-307068	19930908

FILING DETAILS:

PATENT NO	KIND	PATENT NO
DE 69325492	E	Based on EP 592107
ES 2133147	T3	Based on EP 592107

PRIORITY APPLN. INFO: US 1992-943073 19920910; US 1992-943164 19920910

AN 1994-048041 [06] WPIDS

CR 1994-120231 [15]

AB US 5283062 A UPAB: 19991011

The compsn. comprises (i) 0.001-30% ultrafine powdered boron nitride of average particle size 1-10 microns; (ii) 0.001-30% powdered nylon of average particle size 1-10 micron; and (iii) 0.5-99% of a pharmaceutically acceptable vehicle. (i) and (ii) are present in amt. to allow the compsn. to have a penetrometer reading of 7-9, and to pass a Drop Test. Nylon:boron nitride ratio is of 10:1-1:30.

Pref. the nylon is nylon 12; and its particle size is 2-6 microns. Particle size of the boron nitride is 3-7 microns.

USE/ADVANTAGE - The compsn. is of esp. use as eye shadow. The compsn. has improved skin feel, spreadability, creamy texture, adhesion to skin and smoothness, improved compression in mfr., and is neither too dusty or brittle. The disadvantages of nylon by itself (pore adherence, dustiness and brittleness) and of boron nitride by itself (softness and poor compression) are avoided.

In an example, an eye shadow formulation comprised (wt. %): Talc/**methicone** QS; mica/**methicone** QS; silica beads 3.8-5; zinc stearate 0-6; nylon 12 2-4; boron nitride 5.00; methyl paraben 0.20; propyl paraben 0.10, sodium dehydroacetate 0.20, bismuth oxychloride 0-10; matricaria, rosemary, althea and sambucus extracts 0-1 each; octyl palmitate 0-5; pentaerythritol tetra(2-ethyl hexanoate) 0-5; dimethicone 0-5; and **colourants** 1-30.

Dwg.0/0

L12 ANSWER 38 OF 43 WPIDS (C) 2002 THOMSON DERWENT
 ACCESSION NUMBER: 1994-265729 [33] WPIDS
 DOC. NO. CPI: C1994-121477
 TITLE: Stable cosmetic water in oil emulsions - contg. silicone, glycerol gelling agent, and di **methicone** co poly ol emulsifier.
 DERWENT CLASS: A26 A96 D21 E11 E17
 INVENTOR(S): FODOR, P; PASTOUR, V; POUGET, F
 PATENT ASSIGNEE(S): (OREA) L'OREAL SA
 COUNTRY COUNT: 16
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
<hr/>					
EP 612517	A1	19940831	(199433)*	FR	11
	R: AT BE CH DE DK ES FR GB GR IT LI PT SE				
FR 2701845	A1	19940902	(199435)		
CA 2115884	A	19940824	(199440)	FR	
JP 06256135	A	19940913	(199441)		9
US 5523091	A	19960604	(199628)		6
EP 612517	B1	19970507	(199723)	FR	15
	R: AT BE CH DE DK ES FR GB GR IT LI PT SE				
DE 69403010	E	19970612	(199729)		
ES 2102157	T3	19970716	(199735)		
JP 2739033	B2	19980408	(199819)		9
CA 2115884	C	19991005	(200007)	FR	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
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EP 612517	A1	EP 1994-400353	19940218
FR 2701845	A1	FR 1993-2048	19930223
CA 2115884	A	CA 1994-2115884	19940217
JP 06256135	A	JP 1994-24135	19940222
US 5523091	A	US 1994-198057	19940218
EP 612517	B1	EP 1994-400353	19940218

DE 69403010	E	DE 1994-603010	19940218
		EP 1994-400353	19940218
ES 2102157	T3	EP 1994-400353	19940218
JP 2739033	B2	JP 1994-24135	19940222
CA 2115884	C	CA 1994-2115884	19940217

FILING DETAILS:

PATENT NO	KIND	PATENT NO
DE 69403010	E Based on	EP 612517
ES 2102157	T3 Based on	EP 612517
JP 2739033	B2 Previous Publ.	JP 06256135

PRIORITY APPLN. INFO: FR 1993-2048 19930223

AN 1994-265729 [33] WPIDS

AB EP 612517 A UPAB: 19941010

Stable water-in-oil emulsions for cosmetic or pharmaceutical use comprise:
 (a) 15-40% by weight a fatty phase contg. 10-90% of a silicone and 0.1-5% of a gelling agent that is a mixt. of (i) glycerol 16-36C fatty acid esters (at least 50% being 18-22C) and (ii) glycerol, in the weight ratio 75/25-95/5, (b) a non-gelled aqueous phase, and (c) as emulsifying agent, an alkyl or alkoxy dimethicone copolyol, a dimethicone copolyol, or a mixture of these.

Pref. the dimethicone copolyols are of formula (I). X is H, or 1-16C alkyl, alkoxy or acyl, Y is 8-22C alkyl or alkoxy, n is 0-200, m is 1-40, q = 0-100, the molecular wt. of $(C_2H_4O)^x(C_3H_6O)^yX$ being 250-2000, and x and y being chosen such that the ratio of oxyethylene/oxypropylene groups is 100:0 to 20:80. The silicone in (a) is pref. of formula (II) X is methyl or OH; n is 0-5000; and n' is 3-8.

USE/ADVANTAGE - The emulsions may be used as a base for white or coloured creams, milks, mascaras, blushes and lipsticks. The emulsions have good stability over a long period, even when there are temp. variations.

Dwg.0/0

ABEQ US 5523091 A UPAB: 19960719

A cosmetic or pharmaceutical water-in-oil emulsion compsn. exhibiting time and temp. stability comprising in a non-gelled aq. phase: (a) 15-40 wt.% of a fatty phase, the fatty phase comprising: (i) 10-90 %wt. of a silicone selected from the gp. consisting of a linear functional polydiorganosiloxane, a linear nonfunctional polydiorganosiloxane, a cyclic polydiorganosiloxane, an alkoxydimethicone, an alkyldimethicone, a phenyldimethicone, a silicone resin and mixts of it; and (ii) 0.1-5 %wt. of a gelling agent comprising a mixt. of a glycerol fatty acid ester and a glycol fatty acid ester, present respectively in a ratio of between 75/25 and 95/5 wt.% the fatty acids being 16-36C and at least 50% of the fatty acids being 18-22C; and (iii) 0.5-10 %wt. of an emulsifying agent selected from the gp. consisting of an alkyl dimethicone copolyol, an alkoxydimethicone copolyol, a dimethicone copolyol and a mixt. of it.

Dwg.0/0

ABEQ EP 612517 B UPAB: 19970606

Stable water-in-oil emulsion, for cosmetic or pharmaceutical use, comprising a fatty phase containing a silicone, a non-gelled aqueous phase and an emulsifying agent chosen from an alkyl- or alkoxydimethicone copolyol or a dimethicone copolyol or their mixture, characterised in that the fatty phase represents from 15 to 40% by weight of the total weight of the emulsion, the said fatty phase comprising at least 10 to 90% by weight of silicone and 0.1 to 5% of a gelling agent comprising a mixture of fatty acid esters of glycerol and of glycol in a ratio of between 75/25 and 95/5% by weight, the said fatty acids being C16-C36 and at least 50% of

the said fatty acids being C18-C22.
Dwg.0/0

L12 ANSWER 39 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 92:498116 PROMT
TITLE: Treading Water
SOURCE: Chemical Marketing Reporter, (10 Aug 1992) pp. SR32.
ISSN: 0900-0907.
LANGUAGE: English
WORD COUNT: 1533

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB The recession has caused a shrinkage in new skin care product introductions, and formulators have 'treaded water for the past year and a half,' says James Tassoff, a West Caldwell, N.J.-based cosmetics consultant. However, some important developments have taken place over the past year, most notably the introduction of liposomes in high-priced products and the increased use of sunscreens both on the beach and in daily wear cosmetics.

Harvey Fishman, a cosmetics consultant based in Oakland, N.J., says that a few companies such as Lancome and Estee Lauder have introduced liposomes into their products. Liposomes are tiny capsules formed by phospholipid spheres. Like the surfactants in an emulsion, these lipids have hydrophilic and hydrophobic ends which cause them to form spheres around oily molecules.

The difference is that the liposomes can be used to encapsulate cosmetic ingredients and release them over time. 'Liposomes make products hard to wash off,' Mr. Fishman says. He adds they are supposed to help impart a youthful appearance by holding ingredients to the skin for a longer time. Estee Lauder, for example, sells a product called Future Perfect Micro-Targeted SkinGel, which promises to help the wearer stay youthful looking.

Two major companies supply liposomes for cosmetics, Brooks of South Plainfield, N.J., and Biotechnology Development Corporation (BDC) of Newton, Mass. 'We have a brand of cosmetic liposomes trademarked Dermosome,' says Carol Ostrum, marketing manager at Biotechnology Development. 'A lot of cosmetic companies have their own trademarked brand of cosmetic liposomes,' she adds. BDC makes liposomes on a line of special homogenizer equipment, which can produce lipid spheres microns in diameter.

Lower-tech ingredients, such as those used in sunscreens, are also playing a big role. Sunscreens include chemical agents, which are basically organic dyes and physical sunblocks, especially titanium dioxide and zinc oxide.

By DAVID RICHARDS

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L12 ANSWER 40 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 92:320702 PROMT
TITLE: Building blocks for beauty products
SOURCE: Manufacturing Chemist, (May 1992) pp. 21.
ISSN: 0262-4230.
LANGUAGE: English
WORD COUNT: 4053

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB In the past few years, in spite of world recession, there has been no interruption in the flow of raw materials for all sectors of the personal care industry, with a distinct emphasis on natural products from non-animal sources.

This year, however, there has been a noticeable drop in the number of new products, largest for haircare preparations, but also noticeable in the skincare sector and including decorative cosmetics. The movement of products in the ethnic market has almost stopped. There has, however, been an undiminished flow of specialty products from the US, Japan and France as is evidenced by both the pigment and miscellaneous products sections in this review.

Conditioning polymers from Allied Colloids', Salcare range have other functional attributes and act as rheological modifiers, eg, thickening agents gelling agents, suspending agents, moisturising agents, spreading promoters and emollients.

Croda's Crodasone W from Croda Chemicals, has been described as a hydrolysed wheat protein polysiloxane copolymer, which combines the film-forming and substantive properties of proteins with the lubricity, gloss and spreadability of silicones.

New colorants and pigments are available from several suppliers.

US company Sun Chemical, represented by S Black (Import & Export) offers a modified D&C Red No 7 Lake for use in modern shades of lipsticks and in ethnic products.

Rona Pearl, now a Merck subsidiary, also represented in the UK by S Black, has further to the launch of its transparent yellow, orange and red, now added a transparent black 'Aktu LL', the CFTA designation of which is Mica and black iron oxide.

Among cosmetic oils, mention must be made of two products, ICI's Armalol HD and tea tree oil obtainable from the UK representative of Natural Extracts International Rahn UK.

'Advantage CP' is a new film-forming terpolymer from ISP (formerly GAF), which is intended primarily for hairsprays and other hair fixative products. It is a terpolymer of vinyl acetate, mono-n-butyl maleate and isobornyl acrylate and has been designed to produce a stiff, hard hold. Midland Biocides, a division of Microbial Systems International, based in Nottingham, offers a range of products, among them combinations of preservatives already approved and listed in the EC Cosmetic Directive.

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L12 ANSWER 41 OF 43 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 92:109722 PROMT
 TITLE: PUTTING UP THE BARRIERS
 SOURCE: Manufacturing Chemist, (Jan 1992) pp. 16.
 ISSN: 0262-4230.
 LANGUAGE: English
 WORD COUNT: 2682

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB Barrier creams from a first-line defence against irritants yet are seldom advertised. Cosmetics consultant Philip Alexander looks at their use in both industrial and household sectors

This relatively small, but important group of skincare products prospects the skin - mainly the hands - from irritants and sensitising substances. Industrial workers, such as those in the chemical, printing, textile and engineering industries are the main users. Industrial markets for these creams have grown since the '30s following a boom in the armament and chemical industries preparing for war. Industry apart, the creams are used in hairdressing salons to protect personnel handling bleaches, permanent wave lotions or hair dyes. Now veterinary, farms and, increasingly, home use sectors are benefiting from barrier formulations.

All barrier creams provide a mechanical barrier to dust or fine metal particles by filling the skin pores and forming an impervious film over it. But a barrier cream that forms a chemical as well as a mechanical barrier renders the irritant harmless by combining with it - either

Young 09/972, 713

24/05/2002

neutralising it or forming a complex.

Commercially available protective preparations include water-soluble products to protect hands from oil-soluble irritants, dirt, paints, varnishes. These, together with the irritating substances, can subsequently be removed from the skin by washing. Also available are water-repellent barrier creams to protect the skin from any water-soluble irritants, including acids and alkalis. Buffers are sometimes included to protect against dilute acids and alkalis.

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L12 ANSWER 42 OF 43 JICST-EPlus COPYRIGHT 2002 JST

ACCESSION NUMBER: 900658135 JICST-EPlus

TITLE: Development and prospective problems of silicones for make up cosmetics.

AUTHOR: SATO YOSHIYUKI

CORPORATE SOURCE: Toshiba Shirikon'oyogijutsukenkyusho

SOURCE: Fragr J, (1990) vol. 18, no. 5, pp. 43-47. Journal Code: G0987B (Fig. 4, Tbl. 1)

CODEN: FUJAD7; ISSN: 0288-9803

PUB. COUNTRY: Japan

DOCUMENT TYPE: Journal; Commentary

LANGUAGE: Japanese

STATUS: New

AB Explained the raw materials of make up products; Dimethicone, Phenyl-dimethicone, Cyclomethicone, Dimethicone Copolyol, **Methicone**, Silicone resin, Silicone gel, Silicone powder, etc.
(author abst.)

L12 ANSWER 43 OF 43 KOSMET COPYRIGHT 2002 IFSCC

ACCESSION NUMBER: 10724 KOSMET

FILE SEGMENT: scientific, technical

TITLE: PIGMENT SURFACE TREATMENTS: A BENCH CHEMIST'S GUIDE

AUTHOR: FAULKNER E B (C/O EDITOR, COSMETICS TOILETRIES, 362 SOUTH SCHMALE ROAD, CAROL STREAM, IL 60188-2878, USA); ZAVADOSKI W J

SOURCE: COSMET TOILETRIES, 1994, 109 (4), 69-72

DOCUMENT TYPE: Journal

LANGUAGE: English

AN 10724 KOSMET FS scientific, technical

AB The introduction in Japan of surface-treated **colors** and substrates in the mid-1970s allowed chemists to enhance the esthetic and functional qualities of their formulations through new raw materials and improved processes. Since 1982, the selection of surface treatments has grown considerably. This paper reviews both consumer and process benefits derived from cosmetic products using surface-treated pigments; different treatment types; and factors to consider when using treated pigments. Process benefits include dispersibility, pressability, oil absorption uniform surface properties and shrinkage. Major pigment surface treatments available which are discussed are silicone (**methicone** and dimethicone), silky silicone, metal soaps, amino acid, lecithin, collagen, polyethylene, polyacrylate/lecithin, Teflon, dimethicone copolyol, lauroyl lysine, metal alkoxides, fluorocarbon and custom treatments